

a. Intramural

PI – Primary Investigator.

CI – Co-Investigator.

SI. No	Title of the project	Name of the Investigator/s (PI and Co-I)	Sanctioning/funding agency	Sanction of fund (in Lakhs)	Status (Completed/ongoing/Initiated)
In the year 2023-24					
1	Auditory functioning abilities and quality of life in older adults with hearing impairment and their relationships to cognitive control : A comparison between face-to-face and tele assessment	PI: Dr. Devi N Co-PI : Dr. Nisha KV Dr. Raksha A Mudar Ms. Sharaddha A Shende	ARF	5.40	Ongoing
2	Development and Validation of web Based Auditory and Auditory Cognitive Training Program in Kannada for Children with Central Auditory Processing Disorder	PI: Ms. Sindhu P Co-PI: Dr. N. Devi Co-PI: Dr. Hemanth. N	ARF	15.21	Ongoing
3	The association between peripheral & central auditory abilities and protein energy malnutrition in children	PI: Dr. Chandni Jain CI: Dr. Saransh Jain, Dr. Chetak K.B	ARF	6.07	Ongoing
4	Electrophysiological Assessment of Auditory and Vestibular Neural Functioning in Individuals with Diabetes Mellitus	PI: Dr. Prawin Kumar CI: Dr. M Bhanu kumar, Dr. Niraj Kumar Singh, Mr. Vipin Ghosh & Dr. Kumari Apeksha	ARF (3 years)	9.56	Ongoing
5	Behavioral and Electro Physiological Correlates of Lexical Semantic Activation in High and Low Proficient Bilinguals	PI: Dr. Sandeep M & Dr. Abhishek B P CI: Dr. Chandni Jain	ARF	4.88	Ongoing

6	Mobile application for conditioning infants before the hearing test	PI: Dr. Hemanth CI: Dr. Ajith Kumar U	ARF	6.13	Ongoing
7	Effect of rhythm of the background language and working memory on speech perception in elderly hearing impaired individuals	PI: Dr. Geetha C CI: Dr. Santosh M	ARF	5.45	Submitted
8	Late latency potentials as auditory performance indicators in cochlear implantee's.	PI: Dr. Manjula P CI: Dr. Geetha C	ARF	5.45	Submitted
9	“Prevalence of Misophonia in general population and those with complaint of tinnitus– An epidemiological study”	Dr.Prashanth Prabhu P	ARF	5.00	Ongoing
10	Development and validation of pre-implant counselling module	PI: Dr. Geetha C Co PI: Dr. Jawahar Antony & Ms. Monika Tetwal	ARF (2 years)	29.13	Proposal Approved
11	A longitudinal study on speech, language, hearing and cognitive outcome of listening training in children with cochlear implant	PI: Dr. Chandni Jain Co. PI: Dr. Devi N, Ms. Jyothi S., Ms. Simran Soni	ARF	29.43	Proposal Approved
12	Optimisation of Stapedial Reflex Measurements in Paediatric Cochlear Implant Users: The effect of Middle Ear Function and Methodological Factors	PI: Mr. Saravanan P Co PI: Dr. Megha	ARF	4.73	Proposal Approved
13	Comparison of basic and advanced features of hearing aids in unilateral and bilateral fitting in adults with sensorineural hearing	PI: Mr. Prajeesh Thomas Co PI: Dr. Jawahar Antony	ARF	4.73	Proposal Approved

14	Development of Communication Strategies Training (CST) module for adults with hearing impairment: A preliminary study on training efficacy in offline and online modes	PI: Dr. K.V. Nisha	ARF	5.03	Proposal Approved
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In the year 2022-23					
1	Behavioral and Electro Physiological Correlates of Lexical Semantic Activation in High and Low Proficient Bilinguals	PI: Dr. Sandeep M & Dr. Abhishek B P CI: Dr. Chandni Jain	ARF	4.88	Completed
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4	The association between peripheral & central auditory abilities and protein energy malnutrition in children	PI: Dr. Chandni Jain CI: Dr. Saransh Jain, Dr. Chetak K.B	ARF	6.07	Ongoing
5	Electrophysiological Assessment of Auditory and Vestibular Neural	PI: Dr. Prawin Kumar CI: Dr. M Bhanu kumar,	ARF (3 years)	9.56	Ongoing

	Functioning in Individuals with Diabetes Mellitus	Dr. Niraj Kumar Singh, Mr. Vipin Ghosh & Dr. Kumari Apeksha			
6	Mobile application for conditioning infants before the hearing test	PI: Dr. Hemanth CI: Dr. Ajith Kumar U	ARF	6.13	Ongoing
7	Effect of rhythm of the background language and working memory on speech perception in elderly hearing impaired individuals	PI: Dr. Geetha C CI: Dr. Santosh M	ARF	5.45	Ongoing
8	Late latency potentials as auditory performance indicators in cochlear implantee's.	PI: Dr. Manjula P CI: Dr. Geetha C	ARF	5.45	Ongoing

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In the year 2020-21					
1	Development of Phonemically balanced word lists in Tamil Language for adults	PI - Dr. Geetha C CI - Dr. Devi N	ARF	4.88	Completed
2	Speech Identification in the Non-aided ear in Monaural Hearing Aid Users.	PI - Prof. Asha Yathiraj	ARF	4.93	Completed
3	Development of AIISH Hyperacusis Assessment Toolbox for Individuals with Tinnitus Associated with Hyperacusis	PI - Dr. Prashanth Prabhu P	ARF	4.93	Completed
4	Exploring Real World Aid Usage and Outcome: Current Indian Scenario	PI - Dr. Manjula P.	ARF	4.93	Completed
5	Relationship between hearing aid benefit and auditory processing abilities in elderly individuals with hearing impairment	PI: Dr. Geetha C CI- Dr. Chandni Jain	ARF	5.05	Completed

6	Auditory processing in children with speech sound disorders	PI: Dr.Chandni Jain CI: Dr. Priya MB	ARF	4.33	Completed
7	Encoding of speech and music at auditory brainstem (Frequency Following Response) with and without hearing aid	PI - Dr. Devi N	ARF	4.98.	Completed
8	Impact of acoustic stimuli used for various measures of VEMP on the auditory system	PI:Dr.Niraj Kumar Singh CI: Dr. Prawin Kumar	ARF	15.04	Completed
9	Electrophysiological Assessment of Auditory and Vestibular Neural Functioning in Individuals with Diabetes Mellitus	PI: Dr. Prawin Kumar CI: Dr. M Bhanukumar, Dr. Niraj Kumar Singh, Mr. Vipin Ghosh& Dr. Kumari Apeksha	ARF	9.56	Ongoing
10	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	PI: Prof. Ajith Kumar U CI: Dr. Nisha K V	ARF	4.85	Submitted
11	Behavioral and Electro Physiological Correlates of Lexical Semantic Activation in High and Low Proficient Bilinguals	PI: Dr. Sandeep M & Dr. Abhishek B P CI: Dr. Chandni Jain	ARF	4.88	Ongoing
12	Cochlear implant outcome measures: Comparison of rating scales and speech perception	PI: Dr. Megha CI: Jawahar Antony	ARF	5.05	Ongoing

13	Relationship between Auditory abilities and Iron Deficiency anemia in adolescent girls	PI: Dr.Chandni Jain CI: Dr.Chetak KB. MR. Vipin Ghosh PG.	ARF	5.33	Completed
14	The Genetics of Sensorineural Hearing Loss	PI-Dr. Rajalakshmi K	ARF	28.79	Ongoing
15	Perception and Production of prosody in children with hearing impairment	PI - Dr.Sreeraj Konadath CI - Dr.Yeshoda K	ARF	4.93	Submitted
16	Development of standardization of questionnaire to assess the outcome in adult hearing aid users	PI - Dr.Rajalakshmi K. CI - Dr.Ramadevi Srenivas Ms.Mamatha N.M.	ARF	4.33	Submitted
17	Effectiveness of SNR-50 and SNR loss in hearing aid evaluation	PI - Dr. Manjula P. CI - Dr. Megha	ARF	4.33	Completed
18	Normative Data for click rate induced facilitation for assessing temporal integration	PI: Dr.K. Rajalakshmi	ARF	4.93	Submitted
19	Effect of Cochlear implantation and surgery technique on cervical vestibular evoked myogenic potential	PI - Dr. Niraj Kumar Singh CI- Mr. SachchidanandSi nha Mr.	ARF	4.93	Completed

		NirnayKeshre e Dr. Sanal Khotari			
20	Development of low frequency range word lists in Malayalam	PI - Dr. Prashanth Prabhu	ARF	4.93	Completed
21	Auditory temporal processing in older Adults: Behavioral and Electrophysio-logical measures Auditory systems	PI-Dr. Ganapathay M.K CI - Dr. Hemanth N Dr. PrashanthPrabhu	ARF	5.18	Submitted

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In the year 2019-20					
1	Neural Correlates of Perceptual Learning of Non-Native Speech Sound Contrast Learning	PI - Dr. Ajith Kumar U CI - Dr. Santosh M.	ARF	4.33	Completed
2	Contributory Factors of Hearing Handicap in individuals with Sensorineural hearing loss and auditory neuropathy spectrum Disorder (ANSO)	PI - Dr. Jijo P.M., CI - Dr. Hemanth N., Dr. Ajith Kumar U.	ARF	4.93	Completed
3	Computer based Audiological Evaluation Software	PI - Dr. Hemanth N. CI - Dr. Manjula P.	ARF	8.74	Completed
4	Prevalence of Parental Consanguinity in Children with Communication Disorders a Survey based Study	PI - Dr. Sreeraj K. CI- Dr. Jijo P.M.	ARF	5.14	Completed

5	Effect of canal widening (Type I Tympanoplasty) on hearing sensitivity	PI - Dr. N. Devi	ARF	4.99	Completed
6	Cochlear implant outcome measures: Comparison of rating scales and speech perception	PI - Dr. Megha CI - Mr. Jawahar Antony	ARF	5.05	Initiated
7	Electrophysiological Assessment of Auditory and Vestibular Neural Functioning in Individuals with Diabetes Mellitus.	PI - Dr. Prawin Kumar CI - Dr. M Bhanukumar, Dr. Niraj Kumar Singh, Mr. Vipin Ghosh Dr. Kumari Apeksha	ARF	4.88	Ongoing
8	Relationship between Auditory Abilities and Iron Deficiency Anemia in Adolescent Girls.	PI - Dr. Chandni Jain CI - Dr. Chetak K B Mr. Vipin Ghosh	ARF	5.33	Ongoing
9	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	PI - Dr. Ajith Kumar U CI - Dr. Nisha K V	ARF	4.85	Ongoing
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11	Exploring Real World Aid Usage and Outcome: Current Indian Scenario	PI - Dr. Manjula P.	ARF	4.93	Ongoing
12	Impact of acoustic stimuli used for various measures of VEMP on the auditory system	PI - Dr. Niraj Kumar Singh CI - Dr. Prawin Kumar	ARF	15.04	Ongoing
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