

Sponsored Projects in CASP

No	Title of the project	Funding agency, Time period and Amount	Principal Investigator (PI) and Status
1	Establishment of Advanced Signal Processing Research Lab at RIT Kottayam (First phase)	CERD, Govt of Kerala Time period: 2011-2013 Amount: Rs. 20 Lakhs	Dr. Leena Mary (Completed and UC submitted)
2	Effect of Mimicked Speech on Automatic Speaker Verification System	Kerala State Council for Science, Technology and Environment (KSCSTE) Time period: 2011-14 Amount: 5.975 Lakhs	Dr. Leena Mary (Completed and UC submitted)
3	Development of prosodically guided phonetic engine for searching speech databases in Indian languages	Department of Electronics and Information Technology, Govt. of India. Time period: 2012-15 Amount: 50.6 Lakhs	Dr. Leena Mary (Completed)
4	Analysis of vehicle sound signature for characterization of heterogeneous traffic.	AICTE- RPS, Government of India Time period: 2012-14 Amount: 10 Lakhs	Dr. Leena Mary (Co-PI) (Completed and UC submitted)
5	Extension of Advanced Digital Signal Processing Research Lab at RIT Kottayam	CERD, Govt of Kerala Time period: 2014-2022 Amount: Rs. 30 Lakhs	Dr. Leena Mary (on going)
6	Audio visual cues for speed estimation and vehicle classification	CETransE (Centre of Excellence in Transportation Engineering) Time period: 2014-2016 Amount: 5.1 Lakhs	Dr. Leena Mary (Co-PI) (Completed)
7	Forensic Automatic Speaker Recognition-Coping with Voice Forgery, VoIP, noise and channel mismatch.	Kerala State Council for Science, Technology and Environment (KSCSTE) Time period: Jan 2015-Mar 2019 Amount: 15 Lakhs	Dr. Leena Mary (Completed and UC submitted)

8	Development of Speech Recognition Based Audio Search and Learning tools in Malayalam	Centre for Engineering Research and Development (CERD), (Researcher of the Year Grant of KTU) Time period: Aug 2016-2020 Amount: 15 Lakhs	Dr. Leena Mary (Completed)
9	Automation of Malayalam articulation test using speech recognition techniques	All India Institute of Speech and Hearing (AIISH), Mysore Time period: Nov 2018 - Feb 2020 Amount: 5 Lakhs	Dr. Leena Mary Dr. Ajish K. Abraham (AIISH) (Completed)
10	A System for Traffic Data Collection, Vehicle Classification and Head Light Violation Detection Using Audio Visual Cues	Transportation Research Centre, College of Engineering TVM, (Govt. Of Kerala) Time period: Mar 2018 – Mar 2021 Amount: 9.1 Lakhs	Dr. Leena Mary Dr. Bino I. Koshy (Completed)
11	Modifying the design of automated Malayalam Articulation Test to improve accuracy for evaluation of children with severe articulatory disorders	All India Institute of Speech and Hearing (AIISH), Mysore Time period: Jan 2022 - Jan 2023 Amount: 5.8 Lakhs	Dr. Leena Mary Dr. Ajish K. Abraham (AIISH) (on going)

Research Seed Money Project

No	Title of the project	Funding agency, Time period and Amount	Principal Investigator (PI) and Status
1	Automated Traffic Analysis System	TEQIP Seed Money 1 year (14.05.2014-14.05.2015) Rs.1.6 Lakhs	Dr.Manju Manuel
2	Fractal Analysis of Epileptic EEG Data	CERD, Govt of Kerala, Research Seed Money 2 years (Dec 2012-2014) Rs. 1.2 Lakhs	Principal Investigator-Dr. Indiradevi K. P.