ALAGAPPA UNIVERSITY, KARAIKUDI

DEPARTMENT OF COMPUTER SCIENCE

Research Projects

Ongoing Projects

S. No.	Name of the PI / Co-PI	Title of the research project, endowments, Research Chairs	Name of the funding agency	Period	Amount in INR. (lakhs)
1.	Dr. A. Padmapriya (PI)	Novel Approach for Secured Data sharing using cloud	RUSA	2022 to 2024	4.0
2.	Dr. S. Santhoshkumar (PI)	Prognosis model for chronic illness Premature Mortality Using Electronic Health Records (EHR) Towards Sustainable Well Being and Healthy Life	RUSA	2022 to 2024	4.0
3.	Dr. S. Santhoshkumar (PI)	An Optimization model for sugarcane cultivation using IoT and Machine Learning Techniques	RUSA – EIR	2023 to 2024	0.50

Completed Projects

S. No.	Name of the PI / Co-PI	Title of the research project, endowments, Research Chairs	Name of the funding agency	Period	Amount in INR. (lakhs)
1.	Dr. T. Meyyappan (PI)	Air pollution prediction using air quality data From Meteorology Department	RUSA	2019 to 2023	7.3
2.	Dr. A. Padmapriya (PI)	Secured Sharing of Smart Healthcare Data Over Cloud Environment	RUSA – EIR	2023	0.3
3.	Dr. A. Padmapriya (PI)	Prediction Models for agriculture	RUSA	2019 to 2021	3.3
4.	Dr. S. Santhoshkumar (PI)	Analysis of suitable machine learning imputation techniques for arthritis profile data	RUSA	2019 to 2021	3.3
5.	Dr. S. Santhoshkumar (PI)	Mitigation of Distortion of Honey Bees Caused By EMF Radiation Of Cell Phone Towers And Mobile Phones	AURF	2017 to 2018	0.35
6.	Dr. S. Santhoshkumar (PI)	Cloud Based Distributed Database Integration for Medical Analysis	AURF Start-up grant	2018 to 2021	1.0
7.	Dr. T. Meyyappan (PI)	Design of a new algorithm to preserve the privacy in data publishing against record and attribute linkage attacks	UGC	2012 to 2015	3.4
8.	Dr. T. Meyyappan (PI)	Smart and Secure Environment	NTRO	2006 to 2012	100