

Name : Dr.A.RAJASEKAR rajasekar.ai@sairamit.edu.in			
SITT23AI02			
Designation:	Associate Professor (Artificial Intelligence & Data Science)		
Area of Specialization:	Embedded System, Communication Networks, IoT.		
Experience	Teaching : 15.6 years. Research : Nil Industrial Experience: Nil		
No of Workshop/ FDP attended:	No of Workshop	No of FDP	
	04	08	
Publications:	Conference		
	National 5	International 22	National 07
Patents	National		
	05	Nil	
Professional body membership	IEEE, ISTE		
Awards and Achievements	NIL		
Publications Journal	Rajasekar A and Devanathan R, Application of Individual Channel Design to Server Control, International Journal of Engineering and Advanced Technology, Vol. 8, 2010-2015, June 2019.		
	Rajasekar A & Devanathan R, Closed Loop Decoupling Control of a Computer Server System, Journal of Advanced Research in Dynamical and Control Systems, Vol. 10, 507-517, October 2018.		
	Rajasekar A, R.V.Aadhithya., B.Gopinath., M.Mohammad Jaffar Ali., IoT Based Air And Noise Pollution Monitoring System, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 4, Special Issue 19, April 2017		
	Rajasekar A, Manikandan.M, Sasikumar.S, and Rafick Mohideen.M.K , Human Arm Rehabilitation Using PIC Microcontroller, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 3, Special Issue 19, April 2016.		
	Rajasekar A & V.P.Sridhar, Load Tuning for Solar Energy Powered Embedded System Using ILP, IOSR Journal of Engineering, Vol. 05, Issue 03, March 2015.		
	Rajasekar A & S.B.Mohan, Study of Image Denoising, International Journal of Innovative Research in Computer and Communication Engineering, Vol. 1, Issue 10, Dec 2013.		
Conferences	Integration of braking control systems in electric vehicles with active safety and driver-assistance technologies A Rajasekar, DC Devi, J Gowrishankar, SD Degadwala - International		

	Journal of Vehicle Autonomous Systems, 2025. Decoupling control of Computer server system, International Conference on Electronics, Computing and communication Technologies, IEEE SECTION, Bangalore, March 2018. Body to body communication for data Transfer using Red TACTON, National conference on Recent Enhancement in advanced computing Technologies, RRase College of Engineering, Chennai, March, 2018. Multimodal Driver safety and accident prevention system, National Conference on research Trends in Electronics and communication, St. Joseph College of engineering, Chennai, March 2014. Performance analysis of Clone detection approach in WSN, National Conference on Emerging Trends in computing technologies, Kalasalingam Institute of Technology, Krishnankoil, April 2014. Extracting fetal ECG signals from maternal ECG signals using independent component analysis, National Conference on Recent Trends in Renewable Energy Technology, RRase College of Engineering, Chennai, March, 2013 Software Synthesis for signal processing embedded applications, India's Strategic Spectrum, ISP 2012.
Patents	1. IOT POWERED SMART AGRICULTURE FIELD PARAMETER MEASURING DEVICE Design No. : 432488-001; Date: 02/01/2025 2. ARTIFICIAL INTELLIGENCE BASED AGRICULTURE MANAGEMENT SYSTEM Design No. : 450805-001; Date: 08/03/2025 3. DRAIN BLOCK DETECTION AND CONTROLLING SYSTEM (DBDCS) Application No.202441087470 A; Publication Date : 22/11/2024 4. FARM ANALYZING ROBOT USING INTERNET OF THINGS Application No.202341074390 A; Publication Date : 15/12/2023 5. A DEVICE TO MONITOR SURVEILLANCE IN COLLEGE BUS USING IOT Application No.202341053065 A; Publication Date : 01/09/2023

Degree	Year of Passing	Discipline	University & Institution	Percentage & Class Obtained
B.E	2006	ECE	Priyadarshini Engineering College & Anna University	72 % & First Class
M.Tech	2010	Embedded System & Technologies	SRM University, Kattankulathur, Chennai	7.9 CGPA & First Class
Ph.D	2021	Control System, Cyber Physical System	Hindustan Institute of Technology and Science	-

Declaration: I hereby declare that all the information mentioned above is true to my knowledge and I have all supporting documents for the facts mentioned above.