B. KARTHIKEYAN, M. Tech.,
Assisstant Professor III and ECE
Velammal College of Engineering and Technology, Madurai
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Educational Qualification:

S.No	Degree	Institution/ University	Area of Specialization	Year Of passing	Class Obtained
1.	B.E	Sri Sairam Engineering College/Anna University	Electronics and Communication Engineering	2009	First
2.	M.Tech	Thiagarajar College of Engineering/Anna University	Control and Instrumentation Engineering	2011	First Class with Distinction

Experience in Years: 9 Yrs 7 Months

Employment History:

S.No	Name of the College/Industry	Designation	Period		Year of Service
			From	**To**	
1.	Velammal College of Engineering and Technology, Madurai-625009	Assistant Professor	01.07.17	Till date	3 year 9months
2.	Velammal Engineering College, Surapet, Chennai - 66	Assistant Professor	20.06.2011	26.04.2017	5yrs 10months
	Total Experience				9Yrs 7months

Interested Research Areas:

- Internet of Things
- Control and Instrumentation
- Artificial Intelligence
- Optimization
- Fault tolerance

Publications Details:

1. International Journal Publication Details:

S.No	Date	Name of the Journal	Title of the Paper Published
1	Volume 02, Issue 01, Jan 2016	International journal of Innovative Research in Science and Technology (ISSN: 2454-9665)	Multiple ANFIS observers based Sensor Fault detection and control in a satellite launcher
2	Volume 02, Issue 04, OCT 2015	International Journal of New Technologies in Science and Engineering (IJNTSE) (ISSN: 2349-0780)	Control of Interacting Level process under sensor failure conditions using Coactive adaptive Neuro-Fuzzy observer
3	Vol. 10 No.55 (2015)	International Journal of Applied Engineering Research (ISSN: 0973-4562)	Implementation of Real time Climatic control inside a chamber by controlling temperature and relative humidity using output averaging method
4	Vol. 10 No.44 (2015)	International Journal of Applied Engineering research (ISSN: 0973-4562)	Wind turbine Gear box condition monitoring using PLC and SCADA

2. International Conference Presentation Details:

S.No	Date	Name of the conference	Title of the Paper Published
1.	05.03.2020 to 06.03.2020	International Conference on Green, Intelligent Computing and Communication Systems- ICGICCS'20, Coimbatore	Cancer Detection and Classification of MRI Brain images using Deep Neural Network
2.	15.03.2019	International Conference on Emerging Trends in Engineering & Technology'19 [ICETET'19]	IoT based Drinking water Management system
3.	22.03.2018 to 23.03.2018	International conference on Engineering and Advancement in Technology 2018, Coimbatore	IoT based Weather and Border alerting system for Fishermen
4.	22.03.2018 to 23.03.2018	8th International Conference on Engineering and Advancement in Technology, Sri Krishna College of Technology, Coimbatore.	Face recognition using Deep learning
5.	6/4/2017	2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation (TICCA)	Robust fault tolerant satellite launcher flight control system

6.	06.01.2017 to 08.01.2017	International Conference on Trends in Industrial Measurements and Automation (TIMA) – 2017, MIT, Chennai	Neural network based threshold generator for sensor failure detection in a three tank interacting level process
7.	03.03.16 to 05.03.16	International Conference on Electrical, Electronics, and Optimization Techniques ICEEOT'16 , DMI college of Engineering, Chennai - IEEE catalog "978-1-4673-9939-5/16/\$31.00 ©2016"	Neural network based Intelligent Sensor fault detection in a Three tanks Interacting level process
8.	17.01.16	3rd International conference on science , technology and Management, India International Centre, New Delhi	Multiple ANFIS observers based sensor fault detection and control in a satellite launcher
9.	14.05.2015-16.05.2015	International Conference on Advances in Applied Engineering ICAAET-2015, Syed ammal Engineering college, Ramanathapuram.	Implementation of real time climatic control inside a chamber by controlling temperature and relative humidity using output averaging method
10.	22.12.2013	International Conference on Trends in Industrial Measurements and Automation TIMA-2013, MIT, Chennai	Participated in the 8th International conference on Trends in Industrial Measurements and Automation
11.	06.01.2011 – 08.1.11	International Conference on Trends in Industrial Measurements and Automation TIMA – 2011, CEERI centre, Chennai	Sensor fault tolerance using Coactive adaptive Neuro Fuzzy based observers.

3. National Conference Presentation Details:

S.No	Date	Name and Venue	Title of the Paper Published
1	02.05.16	National Conference Advancements in Automation and Energy Efficient Systems (AAEES), R.M.K Engineering college	Intelligence security and safety using Android application
2	20.04.16	National conference ITPED'16, Velammal Engineering college	Embedded based safety and Accident prevention system
3	10-04-2015	National Conference on Trends in Instrumentation and Automation (NCTIA) 2015, Velammal Engineering College, Chennai	Matlab-Arduino as a Low Cost Microcontroller for Liquid Level System