

Dr.J.V.Architaalagammai, M.E, Ph.D

Associate Professor/CSE

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Educational Qualification:

Degree	Branch/Specialization	Name of the College & University	Year of Passing
Ph.D	Information and Communication Engineering	Anna University Chennai	2017
M.E	Computer Science and Engineering	Anna University Chennai	2005
B.E	Computer Science and Engineering	Bharathidasan University	2003

Experience in Years: 15 years**Employment History:**

Name of the Organization	Designation	Date of joining	Date of relieving	Years of Experience	
				Years	Months
Velammal College of Engineering and Technology, Madurai	Assistant Professor III	21.3.2011	Till date	10	-
PSNA college of Engineering & Technology, Dindigul	Assistant Professor	4.7.2005	11.11.2010	5	5
M.Kumarasamy College of Engineering, Karur	Assistant Professor	3.1.2005	30.6.2005	-	6

Interested Research Areas: Wireless Ad hoc networks, Machine learning, IoT**Patent rights received:****Patent number:** 2020103057**Title of invention:** A TECHNIQUE TO ANALYSE GLUCOSE LEVELS USING BIO SWEAT SENSOR**Month/Year:** December 2020**Status:** Grant

Publications Details:

1. International Journal Publication Details:

S.No	Title of the Paper	Journal Name	Vol.No., Issue No., & Page No.,ISSN No.& Year of Publication
1.	Sentiment Analysis using CNN AND SVM	International Journal of Innovative Research in Computer and Communication Engineering	Volume 8, Issue 5, May 2020 e-ISSN: 2320-9801 Impact Factor: 7.488 Pg.No: 1841-1848
2.	SERA: A Circular Path Clustering Approach for Wireless Sensor Network"	International Journal of Scientific & Technology Research(Scopus)	published in January 2020
3.	A QR Decomposition Based Zero Watermarking For Tele Ophthalmological Application	International Journal Of Information And Computing Science(Scopus)	ISSN NO: 0972-1347 Volume 6, Issue 6, June 2019
4.	Intelligent Manhole Cover	International Journal Of Advanced Information And Communication Technology	vol. 4, no. 11, pp.1332-3340, ISSN: 2348 – 9928, March2018
5.	Generic Medicine Application Using Android	International Journal For Trends In Engineering & Technology	Vol. 22 no.11 pp:29-32 ISSN:2349-9303, April 2017
6.	A Bee Swarm Optimized Trust Based Security Mechanism in Ad Hoc Network	Journal of Medical Imaging and Health Informatics.(SCI)	vol. 6, no. 8, pp. 2069-2074 ISSN:2156-7018, 2016
7.	Secure framework for multipath DSR protocol to mitigate the malicious node impact in manet	International Journal of Printing, Packaging & Allied Sciences	vol. 4, no. 5 pp. 3054-3064 ISSN:2320-4387, 2016
8.	Impact of Malicious Nodes In Mobile Adhoc Networks	International journal of applied Engineering (Scopus)	vol. 10, no. 3 pp. 7777-7788 ISSN:0973-45, 2015
9.	Personal health records as a social network encrypted using attribute based encryption	International journal of applied Engineering(Scopus)	Vol.10,no.55 2015

10.	Role of Social Networks To Link Personal Health Records Using Attribute Based Encryption	Wisdom Interdisciplinary Society of Engineers	Vol:1,no.4 pp.1-3 ISSN:2349-316X
11.	C-Leakage :Cylinder LPG Gas Leakage Detection for Home Safety	Journal of Electronics and Communication Engineering	Vol.9,no.1, pp.53-58 ISSN:2278-2834 February2014
12.	Secured and Authenticated Communication in Cloud using Dynamic Key Exchange Protocol	International Journal of Engineering and Innovative Technology,	Vol.2,no.4 pp.78-82 October 2012 ISSN:2277-3754
13.	Stress Management Techniques	International Forum of Researchers students and Academicians	Vol.1,no.1 pp.30-34 September 2011

2. International Conference Presentation Details:

S.No	Title of the Paper	Conference Name	Month & Year of Publication
1.	A QR Decomposition Based Zero Watermarking For Tele Ophthalmological Application	CMRCET-2019-Velammal college of Engineering and Technology, Madurai	May 2019
2.	Intelligent Manhole Cover	ICCTET 2018 - Akshaya College of Engineering and Technology, Coimbatore	March 2018
3.	Generic Medicine Application Using Android	International conference For Trends In Engineering & Technology	April 2017
4	LPG Gas Leakage Detection and Automation system	International conference on Advanced Computing Control Systems, Machines and Embedded Technology	March 2014

3. National Conference Presentation Details:

S.No	Title of the Paper	Conference Name	Month & Year of Publication
1.	Embedded Based Approach-Efficient Energy(LPG)Gas Leakage Detection and Prevention System	National conference on Recent Trends in Information and Communication Engineering - NCRTICE	March 2014
2.	NYMBLE-A Secure System for Anonymous Networks	National conference on Trends In Modern Computational Techniques	April 2013
3.	A Novel Protocol for Effective Data Dissemination in Vanets,.	"National conference on Recent Trends in computing ,communication and Technology(ReCanT 2012)	March 2012
4.	Secured and Authenticated communication in Cloud computing using Public key Cryptography	National conference on Recent computing Technologies	April 2012
5.	Artificial Intelligence Techniques Displaying in Software Engineering	National Conference on Information and Communication Technology(NCICT-11)	May 2011
6.	Qos Multicast Routing based on genetic Algorithm	National conference on Recent Trends in Advanced Computing Technologies(NCRTAC-05)	January 2005

4. Google Scholar report:



Anchita Alagammai

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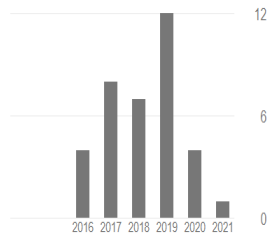
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<input type="checkbox"/>	TITLE			CITED BY	YEAR
<input type="checkbox"/>	C-leakage: Cylinder LPG Gas leakage Detection for home safety			29	2014
	T Soundarya, JV Anchitaalagammai, P Deepa, SS Karthick Kumar IOSR Journal of Electronics and Communication (IOSR-JECE) 9 (1), 53-58				
<input type="checkbox"/>	Control and Monitoring System For Liquefied Petroleum Gas (LPG) Detection And Prevention			7	2014
	T Soundarya, JV Anchitaalagammai International Journal of Innovative Research in Science, Engineering and ...				
<input type="checkbox"/>	Best Practices: Adopting Security Into the Cloud-Based Internet of Things				2021
	JV Anchitaalagammai, S Kavitha, S Murali, S Padmadevi Challenges and Opportunities for the Convergence of IoT, Big Data, and Cloud ...				
<input type="checkbox"/>	Best Practices: Adopting Security Into the Software Development Process for IoT Applications				2019
	JV Anchitaalagammai, K Samayadurai, S Murali, S Padmadevi Integrating the Internet of Things Into Software Engineering Practices, 146-159				
<input type="checkbox"/>	Current Trends in Integrating the Internet of Things Into Software Engineering Practices				2019

Cited by

	All	Since 2016
Citations	36	36
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Co-authors

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