


Velammal Engineering College
Department of Computer Science & Engineering

Name & Photo : Mr. R. Ganesan	
Designation:	Assistant Professor III
Qualification :	M.Tech., (Ph.D.)
Area of Specialization :	Pervasive Computing
Teaching Experience :	UG: 9 Yrs. PG: 5 Yrs.
No. of Conference/FDP/workshop/Seminar attended :	37 /6 /8 /5
Publication :	Conference- National : 15 International : 23 Journal – International : 14
General :	Nil
Staff Achievements:	Nil

Experience Details:

Name and Address of the Institution	Designation	From	To	Total No. of Years
Velammal Engineering College	Asst Prof	29/6/2005	Till date	12 years

Conferences/FDP/Workshop/Seminar: (List)

Conferences:(National Conference)

S.No	Date	Venue	Title
1	March	National Conference On	Personal Iris Recognition Using Soft Computing
2	March	National Conference On	Dynamic Scheduling Of Data Using Genetic
3	Feb 2011	National Conference On	Pervasive Home Environment Through Mobile
4	Feb 2011	National Conference on	Speech Assisted path Guidance for the blind
5	28 – 29 jan 2010	National Conference on Mobile & Pervasive	Voice Commanded Mobile based sensitive Robot
6	28 – 29 jan 2010	National Conference on National Conference on Mobile & Pervasive	Pervasive Environment using Speech Recognition
7	2009	National Conference on Computing Technologies	M-Commerce in Pervasive Environment”
8	2009	National Conference on High Performance	Agent based E-Brainstorming for expertise search semantic search engine
9	2008	National Conference on NCCT'08, Chennai	File Administrator for Mobile Devices
10	2008	National Conference on Mobile & Pervasive	Language Localization for Mobile Phones
11	2008	National Conference on NCCT	Mobile Commerce in Pervasive Environment
12	2007	National Conference on Emerging Trends in Engineering & Technology,	MLearning in Pervasive Environments
13	2007	National Conference on Applications of Intelligent Systems in Engineering,	Design and development of test applications for the Cable Ethernet Switch Components in Pervasive Environments
14	2007	National Conference on Embedded Systems, Kalasalingam University	Dynamic Power Management for Embedded and Portable devices

15	July 2006	National Conference on mobile localization and Keypad standardization held in	“Language localization for Tamil in Mobile Phones”, published a paper in
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Conferences:(International Conference)

S.No	Date	Venue	Title
1	24th and 25th March 2017	International on Contemporary Engineering and Technology 2017 Chennai, India	Digitalization of Medical Prescription and Localization of Healthcare Products using Credit based Ranking Algorithm
2	24th April 2015	International Conference-IEEE Global Conference on Communication Technologies (GCCT-2015)	Effective Search Mechanism For Finding Nearest Healthcare Facilities
3	May 6-8 2015	International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy & Materials (IEEE)	Optimized path planning mechanism for localization in Wireless Sensor Networks
4	21st & 22nd March 2014	IEEE International Conference on Innovations in Engineering and Technology (ICIET'14) Organized by K.L.N. College of Engineering and Technology, Madurai, Tamil Nadu, India	Multisensor Data Fusion For Monitoring Contaminated Water Using Enhanced Map Algorithm
5	8th -9th April 2014	International conference on trends in Technology for convergence 'TITCON	Effective Lossless Compression For Medical Image Sequences Using Enhanced Composite Algorithm
6	April 2014	IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT),	Facial And Bio-Signal Fusion Based Driver Alertness System Using Dynamic Bayesian Network
7	7th – 8th March 2014	IEEE international conference on green computing, communication and Electrical Engineering (ICGCCEE'14)	Implementation Of Health Information System Using Location Based Services
8	2013	IEEE International conference, Page:	Pervasive Health Care System for monitoring oxygen saturation using pulse oximeter sensor
9	2013	IEEE International Conference, pages 433 – 436,	Secured transmission medical data for Pervasive healthcare System using android
10	2013	IEEE International Conference on Information and Communication Technologies (ICT 2013), page:1233 – 1237	Design and Development of Remote Vehicle Health Monitoring System using Context Aware Web Services

11	2013	ICCSP'13 Adhiparasakthi Engineering College, Melmaruvathur,	Multi Sensor Remote Water Pollution Monitoring System using GSM
12	2012	International Conference on Advances in Engineering, Science and Management, IEEE Conference Publication, ISBN: 978-81-909042-2-3	Design and development of secured m-healthcare system
13	2012	International Conference on Advances in Computer, Electronics and Electrical Engineering, Universal Association of Computer and Electronic Engineers, ISBN: 978-981-07-1847-3	Remote Water Pollution Monitoring System using GSM
14	2012.	International Conference on Futuristic of Computer Science Engineering and Information Technology – Thiruvlluar College of Engineering,	Triple key Bio-inspired Medical Image Encryption using Chaotic Maps
15	2012.	International Conference on Modeling Optimization and Computing, Nooral Islam University,	Enhancing the Tempering Proofing of digital images using MATLAB programming Language
16	2011.	International Conference on Intelligent Science and Technology, Sun College of Engineering,	A Solution to enrich Pervasive Environment for a Blind person in outdoor using Auditory Assistance
17	2011.	International Conference on Intelligent Science and Technology, Sun College of Engineering,	Dynamic Scheduling of Data using Generic Algorithm in Cloud Computing
18	2011.	International Conference on Intelligent Science and Technology, Sun College of Engineering,	Soft Computing Technique based Iris Recognition
19	May 2011.	International Conference on Wireless and Optical Communications, IEEE, China,	Soft Computing based Iris Recognition using Contourlet
20	March 2011.	International Conference on Recent Advancement in Computer Technology, 122- 126,	Dynamic Scheduling of Data using Generic Algorithm in Cloud Computing
21	Dec 2010	2 nd International Conference on Corporate Governance, organized by IPE Hyderabad & Waikato Management School, New Zealand,	M-Governance: Pervasive Solutions to enrich e-Governance
22	May 27-29, 2009	International Conference on ICOREM, Anna University, Trichy, , PageNo:2185.	Agent based E-Brainstorming for Expertise search using Semantic Ideation Learning
23	May 27-29, 2009	International Conference on ICOREM, Anna University, Trichy, , Page No 3054	M-Learning Solutions for Pervasive Environments

FDP:

Sl. No	Workshop Seminar/ FDP/STTP	Organized by	Title	Month & Year
1	One day FDP	TCS, Siruseri, Chennai on	Knowledge Management	6 th July 2015.
2	One day FDP	CTS, Siruseri	Social, Mobility, Analytical & Cloud)", at CTS, Siruseri	27 Feb 2013
3	One day FDP	Velammal Engineering College	Information Security	7 th Sep 2012
4	Seven day FDP, TEQIP sponsored	GCT, Coimbatore	Research Opportunities in Contemporary issues of Engineering	24th-0th Aug 2012
5	One day	Velammal Engineering College	FDP on E Governance	4 th Dec 2009
6	5 Days	Velammal Engineering College	Wireless Sensor Network and its Applications	05 – 8th Jan 2009

Workshop:

S.No	Date	Venue	Title	Duration
1	27 th – 29 th Jan 2016	organized by, ERNET, IITM research park	Internet of Things	3 Days
2	5 th – 6 th Feb 2015	Velammal Engineering College	ARM cortex M4 Series Micro-controllers	2 days
3	1st March 2012	Velammal Engineering College	Cloud Computing	One day
4	2nd May 2012	Velammal Engineering College	Advanced Computing Methods	one day
5	one day	CTS, Siruseri	SMAC – (Social, Mobility, Analytical & cloud	27 Feb 2013
6	Two days	Sona College of Technology, Salem	ISTE Regional Conference 2009, "Strategies for Enhancing Research in Technical Engineering	13-14 Nov 2009.
7	Two days	TIFAC – CORE in Automotive Infotronics, VIT University.	Telemetric Focusing on Seamless connectivity, LBS and Mobility	November, 2007
8	Two days	S.A. Engineering College during.	Recent Advanced trends in Mobile Computing	12 th – 13 th November

Publications:

INTERNATIONAL JOURNAL

S.No	Title o the Paper	Name of the Journal	ISSN/ISBNP eriod	Period	Vol. no.
1	Digitalization of Medical Prescription and Localization of Healthcare Products	International Journal of Engineering Research in Computer Science and Engineering	ISSN (Online) 2394-2320	March 2017	Vol 4, Issue 3
2	Digitalization of medical prescription and localization of Healthcare products using credit based ranking algorithm	International journal of science and innovative engineering & technology	Isbn 978-81-904760-9-6	May 2017	Issue volume 1
3	Detection of sleep Apnea Disease from clinical Data using Particle Swarm Optimization	International Journal of Emerging Technolgy in Computer Science and Electronic (IJETCSE)	ISSN: 0976-1353	Issue 2 May 2016	volume 22
4	Predictive patient monitoring and analysis of clinical Data using Optimization technique	International Journal of research and Review in Applied Sciences and Engineering (IJRRASE)	ISSN 2231-0061	No1:2016	Vol 8
5	Design of Optimized Compression Algorithm for energy efficient ECG Bio sensor,	International Journal of research and Review in Applied Sciences and Engineering (IJRRASE)	ISSN 2231-0061	No1:2016	Vol 8
6	Internet of Things (IoT) enabled Wireless Patient Monitoring System using CC3200	in International Journals - Australian Journal of Basic and Applied Sciences (AENSI publisher)	ISSN:1991-8178	Special 2015	9(16)

7	Wireless Sensor Network Performance and Admission Control Management in Patient Monitoring	" in International Journals - Australian Journal of Basic and Applied Sciences (AENSI publisher)	ISSN:1991-8178	Special 2015	9(16)
8	Multisensor Data Fusion For Monitoring Contaminated Water Using Enhanced Map Algorithm	International journal of Innovation research in Science, Engineering and Technology	ISSN:2319-8753	Special issues 3, March 2014,	Volume 1,
9	Effective Lossless Compression For Medical Image Sequences Using Enhanced Composite Algorithm	International Journal of research in Engineering and Technology	ISSN:2319-8857	March 2014,	Volume :!
10	Facial and Bio-Signal Fusion Based Driver Alertness System Using Dynamic Bayesian Network	International Journal of key Scientific Research for Industrial Engineering and Technology		2014	Volume 1, Number 1,
11	Remote Water Pollution Monitoring System using GSM	International Journal of Computer Science and its Applications	ISSN No.2250-3765	2012	Volume 2 Issue2,
12	Hybrid Water marking scheme for Digital Image	National Journal of Computer Application, 1, ISSN: 0974 – 1925	ISSN: 0974-1925	Feb 10, 2012	Volume-5, Issue EICA2012-1
13	Pervasive Home Automation Through Mobile Phones	International Journals of System and Technologies	ISSN 0974-2107	2011	Volume 4, Number 1,
12	Home Automation System Through Mobile Phones	International Journals of Computing Technology	ISSN:0976-5956,	March 2011.	Volume 1, Number 3,

13	M-Learning Solutions for Pervasive Environment	International Engineering and Technology Journal of Advanced Computations	ISSN: 0973-807X	2010	Volume 4, Number 1
14	Remote Mobile Explorer	International Journal on Computer Engineering and Information Technology IJCEIT	ISSN 0974-2034	Nov 2008 – Jan 2009	Volume 02, No2