

Journal / Conference Publication:

(a) List of publications of Dr. M.Chandrasekaran, Professor & Head, Department
of ECE

Sl. No	Journal name	Journal Type	Year	Journal Id	Journals published
1.	Research Journal of Applied Sciences, Engineering and Technology	International	Jan 20, 2016	ISSN: 2040-7459	Research Article Novel Technology for Secure Data Transmission Based on Integer Wavelet Transform and Particle Swarm Optimization
2.	ARPN Journal of Engineering and Applied Sciences	International	June 2015	ISSN 1819-6608 Volume 10, Number 11, June 2015	Error free Wireless Sensor Network with an Efficient Data Collector
3.	International Journal of Applied Engineering Research	International	2015	ISSN 0973-4562 Volume 10, Number 1 (2015) pp 1253-1269	Cluster Head Based Group Key Agreement Using Trust Metrics for Malicious Wireless Networks
4.	International Journal of Applied Engineering Research,	International	2015	ISSN 0973-4562 Vol. 10 No.33 (2015)	Recover from stalling of the Industrial operation
5.	International Journal of Applied Engineering Research,	International	2015	ISSN 0973-4562 Vol. 10 No.33 (2015)	Secure Transmission of Data using ANN Based Steganography
6.	International Congress 2014	International	2014	ISBN: 978-81-929742-3-1	Image Steganography Technique using Radon Transform and Neural Network with the

					Wavelet Transform
7.	Institute of Electrical and Electronics Engineers	International	2012	IEEE 978-1-4673-4603-0	A Novel Technique for Image Steganography using Nonlinear Chaotic map
8.	Institute of Electrical and Electronics Engineers	International	2012	IEEE 978-1-4673-1344-5	Novel Approach for Image Steganography Based on Integer Wavelet Transform
9.	Journal of Medical Imaging and Health Informatics – HDMBISS	International	Feb 2016		“Multilayered Secure Medical Image Transmission with high payload using DD DT DWT” (Accepted)
10	International Journal of Applied Engineering Research,	International	2015	ISSN 0973-4562 Volume 10, No 22. pp 43262-43268	“A Comparative Study on Optimum Transmission Channel Estimation in MIMO-OFDM Wireless Communication System”,
11	Elsevier Journal of Procedia, Computer Science.	International	2015	ISSN: 1877-0509	“Development of Electromyography signal signature for forearm muscle”
12	Elsevier Journal of Procedia, Computer Science.	International	2015	ISSN: 1877-0509	Opimization of PID controller for high speed link Tracking Robots”
13	Elsevier Journal of Procedia, Computer Science.	International	2015	ISSN: 1877-0509	Development of Autonomous Tennis ball Retrievers Robot in an Educational Tool”
14	Elsevier Journal of Procedia, Computer Science.	International	2015	ISSN: 1877-0509	“Robotics Training to Bridge School Students with Engineering”
15	Journal of Optoelectronics and Advanced Materials- Rapid Communications	International	May - June 2015	Vol.9, No.5-6, pp.561-566.	Design and FPGA implementation of Reconfigurable OFDM with improved PAPR”,
16	Automatika - Journal for control,	International			Power Quality Conditioners for Railway

	Measurement, Electronics, Computing and Communication				traction-a Review”,(Accepted)
17	International Journal on Recent Advances in Science & Engineering	International		Volume 1, Issue 6, August 2015	“Secure Routing protocols for Mobile Ad Hoc networks: A Survey “
18	CIIT International Journal of Wireless Communication	International	2014		Highly Stable Cluster based Routing Protocol for MANETS
19	International Journal of Research in Engineering & Advanced Technology(IJREAT)	International	2014	Volume 1, Issue 5	An Advanced Cluster-Based Routing Protocol for Wireless Sensor Networks with Non uniform Node Distribution
20	International Journal of Research in Engineering & Advanced Technology(IJREAT)	International	2014	Vol. 2, No. 2	Compensation of Power Quality Issues in Grid Connected Solar Energy System using STATCOM – A Review
21	International Journal of Applied Engineering Research	International	2014	Volume 9, Number 24	Modified Power Aware Routing Technique In Wireless Mobile Ad hoc Network” published in the International Journal of Applied Engineering Research
22	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)	International	2014	e-ISSN: 2278-1676, p-ISSN: 2320-3331 PP 71-75	A complete study on power aware routing protocol for mobile adhoc network
23	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)	International	2014	e-ISSN: 2278-1676, p-ISSN: 2320-3331 PP 05-07	Throughput Optimization of Data-Driven Peer-to-Peer Streaming

24	Journal of Theoretical and Applied Information Technology	International	2014	Vol. 68, No. 1	Cluster Head Based Group Key Management for Malicious Wireless Networks Using Trust Metrics
25	Research Journal of Applied Sciences, Engineering and Technology(5) pp 1076-1082	International	2014	pp 1076-1082	Wall Motion Analysis of Common Carotid Artery and Detection of Abnormality Using Transverse Ultrasound Images
26	International Journal of Scientific & Engineering Research	International	2014	Volume 5, Issue 2, pp 1055 – 1058	A Survey on OFDM systems based on wavelets
27	International Journal of Applied Engineering Research	International	2014	Volume 9, Number 24	Time Orient Sink Scheduling Based Data Estimation and Collection approach for War Field Sensor Networks
28	International Journal of Engineering Research and Applications (IJERA)	International	2013	ISSN: 2248-9622, 2012.	A study on power quality compensation in railway traction
29	International Journal of Modeling, Identification and Control (IJMIC), INDERSCIENCE	International	2012	Vol.15, No.1	Multimachine Stability Analysis using Meta heuristic PSO Algorithm for HGTTG and SGTG Systems
30	Advanced Computing, Networking and Security Lecture Notes in Computer Science	International	2012	Volume 7135/2012, 415-425.	Self healing wireless sensor network
31	Journal of Systems and Software	International	2012	Volume 85, Issue 11	Ontology driven bee's foraging approach based self adaptive online recommendation system
32	Journal of International	International	2012	Volume 2, Issue 1	A Study on Harmonics in Indian Railway

	Organization of Scientific Research				Traction
33	Journal of International Organization of Scientific Research	International	2012	Vol 4, No 4	Design of Bio Signal Sensors and Signal Conditioning Circuits
34	International Journal of Computer Applications	International	2011	Vol.17,No .2, pp. 0975 – 888	Smart Sensor Design Analysis in Brain Machine Interface using Lab view
35	Applied soft computing elsevier	International	2011	Vol.11,No .3, pp.-3-10	Advertisement timeout driven bee's mating approach to maintain fair energy level in sensor networks
36	European Journal of Scientific Research	International	2011	Vol.55, No.3, pp.452-465	Improving the Performance of Wireless Sensor Network using Bee's Mating Intelligence
37	European Journal of Scientific Research	International	2011	Vol. 52, No. 1, pp. 23-37	<u>An Ontological Framework for Improving the Online Recommendation System Using Bees Intelligence</u>
38	Journal of Computer Science	International	2011	Vol.7,No. 4,pp.573-581	An Ontological based approach to implement the online recommendation system
39	European Journal of Scientific Research	International	2011	Vol.56, No. 3	Stability Analysis of Hydel power system considering GT Dynamics using Genetic and PSO Algorithms
40	International Journal of Information Technology and Knowledge Management	International	2010	Vo.2,No.2 ,PP.223-225	A QSPS-PSR approach on differentiated TCP flows for internet traffic
41	International Journal of Information Technology and Knowledge Management	International	2010	Vol. 2, No. 2, pp. 227-230	Back up cluster head determination in wireless sensor routing using supervisory selection time approach.
42	International Journal of	International	2010	Vol. 2, No. 2, pp.	An intelligent agent based

	Engineering Science and Technology			231-236	talent evaluation system using a knowledge base
43	International Journal of Engineering Science and Technology	International	2010	Vol. 2, No. 8, pp. 3846-3853	Interactive robot in human machine interface for partially paralytic
44	I-manager's Journal on Software Engineering	National	2007	Vol. 1, No.3, pp. 79-84	Performance Evaluation of Sensor Node Distribution Patterns for efficiency improvement in Wireless sensor Networks
45	IETE Journal of Research	National	2007	Vol. 53, No.3	Performance Evaluation of Polynomial Congestion Control Algorithm in mobile Ad hoc TCP networks
46	Information technology	International	2006	Vol.5,NO. 3,PP.346-357,	Performance Evaluation of Polynomial Congestion Control Algorithms MIMD-Poly and PIPD-Poly in TCP Networks
47	Soft computing	International	2006	Vol.1,No. 2,pp.83-90	Interaction Between Polynomial congestion control Algorithms Queue Management Schemes in Wire TCP Networks
48	Business data communication and networking	International	2006	Vo.2,NO. 3,PP.46-64	Interaction Between MIMD-Poly and PIPD-Poly Algorithms and Others TCP Variants in Multiple bottleneck TCP Networks
49	I-manager's Journal on Software Engineering	National	2006	Vol. 1, No. 1, pp. 46-52	Simulation and Analysis of Polynomial Congestion Control Algorithms over Mobile Ad hoc Networks with various Mobility Scenario
50	I-manager's Journal on	National	2006	Vol. 2, No. 1, pp.	Comparative Performance Analysis of

	Engineering and Technology			20-23	TCP Congestion Control Algorithms for the Efficiency Improvement of E-learning Applications
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(b) List of publications of Dr. G.Suchitra, Assistant Professor, Department of ECE

Sl.No	Journal Name		Year	Journal Id	Journals Published
1	International Standard Serial Number(ISSN)	International	July 2013	E-ISSN: 2224-3488, Issue 3, Volume 9, ,pp. 109-119.	A Novel method of Walsh Hadamard Code Generation using Reconfigurable Lattice filter and its application in DS-CDMA system”
2	Springer Science , Business Media New York 2012	International	2013	1311-1329	BER Performance of Walsh Hadamard Like Codes Based on Complementary Sequence Sets in a CDMA and Cognitive Underlay System
3	Springer Science , Business Media New York 2012	International	2013	71:2023–2043 DOI 10.1007/s11277-012-0921-y.	BER Performance of Walsh-Hadamard Like Kronecker Product Codes in a DS-CDMA and Cognitive Underlay System
4	European Journal of Scientific Research	International	2011	Vol.64, No.4, pp. 196-209.	BER Performance of modified Walsh-Hadamard codes in a DS-CDMA and underlay cognitive system”.

(c) List of publications of Prof.M.Kavitha, Assistant Professor, Department of ECE

Sl. No	Journal Name		Year	Journal Id/college	Journals Published
1.	Arabian Journal for Science and Engineering (Springer)	International	March 2016	ISSN 2191-4281 (on-line),	“Low Power Multimodal Switch for Leakage Reduction and Stability Improvement in SRAM Cell”

	Informa cije MIDEM-Journal of Microelectronics, Electronic Components and Materials	International	March 2015	., ISSN 2232- 6979(online), ISSN 0352- 9045(Printed), Impact Factor-0.369.	“Low Leakage charge recycling power gating structure for CMOS VLSI Circuits”
	Journal of Electrical and Electronics Engineering,	International	May2016	vol. 9, no.1, pp.19- 24. (ISSN 1844-6035).	Power gating technique for power reduction and data retention in CMOS circuits'
	i-manager's Journal on Circuits and Systems,	National	Feb 2016	vol. 4, no.1, pp.20- 26.(ISSN 2321-7502).	Power Gating Techniques for Leakage Reduction in CMOS Circuits- A brief survey
	TEQIP-II Sponsored 3rd National Conference on Emerging Trends in Advanced Computing and Communication	Conference	17.3.16 and 18.3.16	organized by Department of CSE, Government college of Engineering, Bargur on	Power and ground bounce analysis of VLSI circuits using low leakage charge recycling technique

(a) Publications of Prof.M.Elangovan, Assistant Professor, Department of ECE

SI.No	Journal Name		Year	Journal Id/college	Journals Published
1.	International Conference on Adaptive Technologies for Sustainable Growth[ICATS- 2016]	conferencel	13.05.2016 to 14.05.2016	Paavai Engineering College- Namakkal	“HIGH STABILITY AND LOW POWER DUAL SUPPLY STACKED CNTFET SRAM CELL

(b) Publications of Prof.P.E.Irin Dorathy, Assistant Professor, Department of ECE

Sl.No	Journal Name		Year	Journal Id/college	Journals Published
2.	International Journal on Recent Advances in Science & Engineering (IJRASE)	International	August, 2015	Volume 1, Issue 6,	“Secure Routing protocols for Mobile Ad Hoc networks: A Survey”
3.	International Conference on Advances in Robotics, Energy and Network Systems ICARENS 2017	conference	09.03.2017 to 10.03.2017	Organised by Dept. of ECE, Government College of Engineering, Salem	Survey on ant based routing protocols for MANET”and “Simple Data Aggregation Scheme in 2D Grid Wireless Sensor Networks without Hotspots”
4.	Fourth International Conference on “Advanced computing and communication systems”	conference	Jan 06-07,2017)	Organized by Sri Eshwar College IEEE ISBN No. 978-1-5090-4558-7 ,PP:133-138 (ICACCA-2017	Distance based dual path ad hoc on-demand distance vector routing for Mobile ad hoc network
5.	International conference	conference	Dec 2016	Arunachala college for Women, Nagercoil	Enhancing security of AODV in Adhoc networks
	Second International Conference on Recent Advances in Science & Engineering (ICRASE-2015)	conference	09.05.2015 to 10.05.2015	Organized by Institute for studies on Recent Advances in Science & Engineering at Hotel Magaji Orchid	Routing Protocols for Mobile Ad Hoc Networks : A Survey