

Department of Bio Medical Engineering

PUBLICATIONS

Dr.R.Ganesan

S.No	Publication Month and Year	Name of the Paper	Journal Name	Citation Number
1	June 2009	Texture Analysis in CT Brain Images Using a Reduced Run- Length Method'	CiiT International Journal of Digital Image Processing	Vol.No.3,pp.88-92
2	July 2009	Brain Tumor Classification Using RBFN Classifier',	International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences (IJ-ETA-ETS),	Vol. 2, No. 2, pp. 622-625.
3	August 2008	Enhancement of CT scan brain images using selective median filter'	GESTS International Transactions on Computer Science and Engineering	Vol. 48, No. 1, pp. 137-145
4	August 2009	Segmentation of Computed Tomography Brain Images using Genetic Algorithm',	, International Journal of Soft Computing, Medwell Journals,	Vol. 4, No. 4, pp. 157-161. ANNA UNIVERSITY ANNEXURE II
5	October 2011	Enhancement of CT brain images using Edge based selective median filter'	International Journal of Computer Applications in Engineering, Technology and Sciences	Vol.4 Page No.207
6	October 2011	Intelligent agent based Knowledge management and knowledge discoverySystem	International Journal of Advanced Research in Computer Science	VLO 3 NO.2 APRIL 2012
7	July 2012	Analysis of CT scan brain images using RBFN	Defence Science Journal	Vol. 62 No.4 PP 212-218- ANNA UNIVERSITY ANNEXURE I

8	Nov 2012	Design of Reconfigurable Multimode Inter Leaver for MIMO-OFDM Systems	BONFRING Intellectual Integrity	Page No.1-4 Paper ID ICEC1001
9	Feb-2013	A Lphc X-Filling Framework For Capture Power Reduction During Speed Scan Testing	Journal of Engineering ,Computers & Applied Sciences	Vol.2,No.2,Feb-2013
10	Feb-2013	Novel Approach on Efficient Hardware Architecture for 2D-Discrete WaveletTransforms	International Journal of Advanced Information science and technology.	Vol.10.No.10, Feb-2013
11	Feb-2013	Dynamic Fault Tolerance System for Testing Mutiple Fault Defects	International Journal of Advanced Information science and technology.	Vol.10.No.10, Feb-2013
12	Mar-2013	Efficacious Redundanvy Technique for Enriched Lockstep Architecture	International Journal of Advanced Information science and technology.	Vol.11.No.11, Mar-2013
13	Mar-2013	Performance Analysis of Real Time Architecture Using PES Technique	International Journal of Advanced Information science and technology.	Vol.11.No.11, Mar-2013
14	Mar-2013	Power Optimization Technique for testing VLSI Circuits	International Journal of Advanced Information science and technology.	Vol.11.No.11, Mar-2013
15	Mar-2013	VLSI Implementation of Qos Supported Efficient Adaptive Network on Chip Architecture	International Journal of Advanced Information science and technology.	Vol.11.No.11, Mar-2013
16	April-2013	VLSI Implementation of Multi Layer adaptive error control for network on chip links	International Journal of Advanced Information science and technology	Vol.12.No.12,Mar-2013
17	April-2013	VLSI Design and performance analysis of multi channel ADC using MTS algorithm	International Journal of Advanced Information science and technology	Vol.12.No.12,Mar-2013
18	April-2013	VLSI Design of Fault tolerance system with Reconfigurable Codes	International Journal of Advanced Information science and technology	Vol.12.No.12,Mar-2013
19	April-2013	VLSI Implementation of Adaptive Pre Filtering Techniques for Image	International Journal of Advanced Information	Vol.12.No.12,M

		Resampling Noise Compensation	science and technology	ar-2013
20	April-2013	VLSI Implementation of Color Image Compression Based on Boundary Adaptive Quantization and Linear Predictive Modeling	International Journal of Advanced Information science and technology	Vol.12.No.12, March-2013
21	April-2013	VLSI Implementation of Hough Transform to Reduce Resource on an Image	International Journal of Advanced Information science and technology	Vol.12.No.12, March-2013
22	June 2013	Power Gated Pulsed Dual Edge Triggered Flip Flop	International Journal of Advanced Information Science and Technology (IJAIST)	Vol.14, No.14, June 2013
23	April-2014	Optical Disc Detection on Retina Image Using VLSI Genetic Optimization Technique	CiiT International Journal of Programmable Device Circuits and Systems	Vol 6, No 4 (2014)
24	April-2014	Economic Power Speed Daubechies Wavelet Filter Using VLSI	CiiT International Journal of Digital Signal Processing	Vol 6, No 4 (2014)
25	April-2014	An FSM Based Memory Architecture to Evaluate Memory Fault for OFDM	CiiT International Journal of Digital Signal Processing	Vol 6, No 4 (2014)
26	April-2014	Static Algorithmic Transformation Based Low Power Wireless Sensor Networks	CiiT International Journal of Wireless Communication on April 09,	Vol 6, No 4 (2014)
27	April-2014	Improved Navigation For Visually Challenged With High Authentication Using a Modified Sift Algorithm I	International Journal of Advanced Research in Computer Science & Technology (IJARCST)	Vol. 2 Issue Special 1 Jan-March 2014
28	April-2014	ANFIS Classifier Based Lung Tumor Severity Diagnosis	IJARCST-CF-I-2014-16	Vol. 2 Issue Special 1, January to March 2014,
29	April-2014	An Optimized Adaptive Neuro Fuzzy Inference System for Brain Image Classification	Applied Medical Informatics	Vol.34, No.2 / 2014 PP: 55-64 ANNA UNIVERSITY ANNEXURE II

30	July-2014	Design of Controllers for Dual – Motor Ball and Beam System	International review of Mechanical Engineering	Vol.8,N.4,ISSN 1970-8734, PP 714 ANNA UNIVERSITY ANNEXURE II
31	August-2014	Enriching Electric Power Quality by using BEE Algorithm in shunt active filters	International Journal On Modelling and simulation	Vol.7 No.4 ANNA UNIVERSITY ANNEXURE II
32	Dec - 2014	An Automated Lung Cancer detection from CT images based on using Artificial Neural network and Fuzzy Clustering Methods	International Journal of Applied Engineering Research	Vol.22 No.22 Pp 15783-15799 ANNA UNIVERSITY ANNEXURE II
33	January – 2015	Light Weight Novel Approach Voter Design Using Sic Vector in TMR Systems	International Journal of Advanced Research in Computer Science and Software Engineering	Volume 5, Issue 2
34	August-2014	Power Quality Enrichments using Fuzzy logic Controller based Shunt Hybrid Power filter with thyristerControlled Reactor	International Journal of Applied Engineering Research	Vol.9 No.24 PP 8344-8351 ANNA UNIVERSITY ANNEXURE II

35	January – 2015	Adaptive Neuro Fuzzy Inference System for classification of Respiratory Signals using Cepstral Features	International Journal of Applied Engineering Research	Vol.10 No. 28 PP: 22121 ANNA UNIVERSITY ANNEXURE II
36	FEB – 2015	DESIGN OF STBC OFDM DOWNLINK BASEBAND RECEIVER FOR LOW POWER APPLICATIONS USING VLSI TECHNOLOGY	International Journal of Advanced Information Science and Technology	(IJAIST) ISSN: 2319:2682 Vol.34, No.34
37	FEB – 2015	Designing High Performance Multi Port Router NoC With Shared Buffer	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
38	FEB – 2015	Region based CT Lung image analysis with neural Network Multi-Level Classifier	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
39	FEB – 2015	RECOGNITION OF SURGICALLY ALTERED FACE USING NEURAL NETWORK CLASSIFIER	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
40	FEB – 2015	Real Time Face Detection Using AdaBoost Algorithm	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
41	FEB – 2015	Preliminary Recognition of Respiratory Deformities using Cepstral Analysis	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
42	FEB – 2015	NEURAL NETWORK BASED BINARY TISSUE CLASSIFICATION ON WOUND IMAGES	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,

43	FEB – 2015	LOW POWER VLSI FOR IMAGE COMPRESSION SYSTEM USING DISCRETE WAVELET TRANSFORM	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
44	FEB – 2015	DETECTING THE EPILEPTIC SEIZURE USING HISTOGRAM FEATURES	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
45	FEB – 2015	DESIGN OF RELIABLE NoC USING DECIMAL MATRIX CODE	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34
46	FEB – 2015	Design Of RAID Controller With Low Power And High Performance	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34
47	FEB – 2015	A Novel Approach to Implement the BIST Technique in TMR Systems and Generate Test Patterns	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
48	FEB – 2015	A bandwidth scalable controller technique for reducing power consumption of caches in embedded processor	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
49	FEB – 2015	A Secured Data Transmission in Wireless Sensor Network Using ID-Based Broadcast Authentication Scheme	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34
50	FEB – 2015	PERFORMANCE ANALYSIS OF 128-BIT ADDER USING DIFFERENTIAL LOGIC STYLE BY BINARY TO EXCESS CONVERTER	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,

51	FEB – 2015	Design of fuzzy Controller Based on PSO Algorithm to Control The Dissolved Oxygen In The Activated Sludge Water	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
52	FEB – 2015	REDUCING POWER CONSUMPTION IN NETWORK ON CHIP USING SCRAMBLE TECHNIQUES	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
53	FEB – 2015	ADDER FOR LOSSY ADDITION IN QCA	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
54	FEB – 2015	DETECTION OF FUNCTIONAL ANOMALIES OF FETAL HEART USING AUSCULTATION METHODOLOGY	International Journal of Advanced Information Science and Technology	ISSN: 2319:2682 Vol.34, No.34,
55	June 2016	Implementation of Proportional Integral Controller Parameter Tuning for Spherical Tank System using Root Locus Technique	Asian Journal of Research in Social Sciences and Humanities	Vol. 6, Issue 6, Special Issue June 2016, pp. 85-103. ISSN 2249-7315 A Journal Indexed in Indian Citation Index DOI NUMBER: 10.5958/2249- 7315.2016.0038 1.6 Category: Science and Technology Annexure I

56	June 2016	Flower Pollination Algorithm based Selective Harmonic Elimination PWM for an Eleven Level Inverter	Asian Journal of Research in Social Sciences and Humanities	Vol. 6, Issue 6, Special Issue June 2016, pp. 69-84. ISSN 2249-7315 A Journal Indexed in Indian Citation Index DOI NUMBER: 10.5958/2249-7315.2016.0038 0.4 Category: Science and Technolog Annexure I
57	May 2016	A DESIGN OF QUADDED LOGIC WITH QUADDED TRANSISTOR CIRCUIT USING DYNAMIC VOLTAGE SCALING	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE AND COMPUTING	VOL. 6 ISSUE NO.5
58	May 2016	VLSI Implementation of Polar Codes VIA Folding Transmission	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE AND COMPUTING	DOI 10.4010/2016.1 259 ISSN 2321 3361 © 2016 IJESC
59	May 2016	An Efficient Constant Multiplier Architecture using Binary Common Sub-Expression Elimination and Fault mitigation for Symmetry Filters	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE AND COMPUTING	DOI 10.4010/2016.1 262 ISSN 2321 3361 © 2016 IJESC Page No. 5128
60	2017	Design and implementation of pi controller tuned by fuzzy logic for water level control of spherical tank system	," Journal of Electrical Engineering"	ISSN:1582-4594. Volume.17, 2017. Scopus,Impact factor:0.97 Annexure I

61	May-2017	A Boost H-Bridge Inverter with Reduced Hardware Configuration for Harmonic Minimisation”,.	Advances in Natural and Applied Sciences.	11(7): ; Pages: 674-6802. 16 H index . Scopus Annexure II
62	July 2017	Fuzzy-C-Means Clustering Based Segmentation and CNN-Classification for Accurate Segmentation of Lung Nodules	, <i>Asian Pacific Journal of Cancer Prevention</i> ,	Volume 18, Issue 7, Page 1869-1874, 55 H Index, Impact factor:1.500. Scopus Annexure I
63	2017	<i>Statistical Analysis of Feature Extraction for CT Brain Image Using Reduced Gray Level Run Length Method,</i>	Jour of Adv Research in Dynamical & Control Systems,	Vol. 9, No. 2, 2017. Scopus , 4 H Index
64	2017	Design of a Cellular Automata based VLSI Architecture for Error Correction,	Jour of Adv Research in Dynamical & Control Systems,	Vol. 9, No. 1, 2017 , Scopus , 4 H Index
65	2017	Impulsive Imposture from video using Blaze Vigour.	Jour of Adv Research in Dynamical & Control Systems	Vol. 9, No. 1, 2017 , Scopus , 4 H Index
66	2018	GPSO based effective system for respiration Disease detection	TAGA Journal	VOL: 14 ISSN:1748-0345 Page:700 Annexure I

67	Sep-2018	Investigation of Optical Code-Division multiple access system for single photo diode system.	International Journal of Pure and applied mathematics	Volume : 119, No.16 Page:1753 Scopus Index Impact factor:0.319
68	Oct-2018	Designing a Digital signal Processor based on Optical signal processor with feedback: Amplitude and phase Control	Global Journal for Research Analysis	Vol:07, Issue No:08, ISSN:2277-8160
69	Jan-2019	Analysis of OSA Syndrome from PPG Signal Using CART-PSO Classifier with Time Domain and Frequency Domain Features	CMES, Technical Science Press	Vol 118, No.2, PP -351-375 Annexure , Scopous, Web of Science, Impact factor: 0.419
70	March-2019	Petrol quality analysis for different level of adulteration using thermal imaging and GLCM features	ARNP Journal of Engineering and Applied Sciences	ISSN 1819-6608 , VOL. 14, NO. 5, MARCH 2019, PP-1043-1050 Scopous SJI journal , Impact factor 0.7

71	Dec-2019	Non-Invasive Method of Diabetes Measurement using Teg Sensor via Foot Skin Temperature	IJEAT Journal	ISSN 2249-8958 - online Scopus Impact factor of 5.67 Pages:1188-1195
72	Jan 2020	"Comparison of the Speed Between Digital and Optical Image Processors for Real Time Applications"	IJESC	ISSN 2321 3361 © 2019 Impact factor of 5.61
73	Jan 2020	COMPARISON OF THE SPEED AMONG DIGITAL, OPTICAL AND HYBRID IMAGE PROCESSORS FOR REAL TIME APPLICATIONS	WJET	ISSN 2454-695X wjert, 2020, Vol. 6, Issue 1, 114-122. Impact factor of 5.924

Ms.N.Gopikha

S.No	Publication Month and Year	Name of the Paper	Journal Name	Citation Number
1.	Oct-2010	MATHEMATICAL MODELING OF ACTION POTENTIAL OF PURKINJE FIBER CELLS AND PRIMARY ION CHANNELS ROLE-A REVIEW	JOURNAL OF CRITICAL REVIEWS	ISSN- 2394-5125 VOL 7, ISSUE 14, 2020