

RESUME



VISION: To promote excellence in technical education and scientific research for the benefit of the Institution.

I am Dr.R.GANESAN, working as a Professor in E.G.S. Pillay Engineering College, Nagapattinam.I did B.E at Arulmigu Kalasalingam College of Engineering,M.E in MIT&Ph.D at Anna University, Chennai, India. I have outstanding academic records in UG and PG Degrees. I designed & developed a frame work in Bio Medical Area for my Ph.D research under the title of “Design of CT Scan Brain Image Analysis System”. I possess about 26 years of Teaching experience and 3 years of Industrial experience in Tuticorin Thermal Power Station. I am a Senior Member of ISTE, IETE&MIE. I have convened & organized many Workshops, Seminars, International Conferences & Symposia. I have chaired several Technical sessions & acted as the moderator for many sessions in International Conferences. I have published 85 research papers in reputed International Journals and Registered Three Patents. I am a recognized Supervisor in Anna University, Chennai. I have produced 5 Ph.D holders.

OBJECTIVE:

I can able to

- ❖ Work for NBA, NAAC& NIRF.
- ❖ Do Anna University Affiliation and AICTE Inspection.
- ❖ Work for Autonomous status for five years.
- ❖ Produce best results in Anna University Examination
- ❖ Concentrate on Research side like Publication, Proposal for funding, Patent, Collobarative Research work and MOU with Industries.
- ❖ Work as Controller of Examination.
- ❖ Place the students in various Companies.

❖ Work for Funding from various funding agencies.

EDUCATIONAL QUALIFICATION

Degree	Regular/Part time	University	Year of Passing	Specialization
B.E	Regular	MADURAI KAMARAJ UNIVERSITY	1991	Instrumentation and Control
M.E	Regular	ANNA UNIVERSITY-MIT CAMPUS	2000	Instrumentation
Ph.D	Regular	ANNA UNIVERSITY	2010	Faculty of Electrical Engineering

Experience :

S.No.	Name of the Institute	Period		Year of Service	
		From	To	Year	Months
1.	ArulmiguKalasalingam College of Engineering	12.01.1995	05.02.2001	6	-
2.	BharathNiketan Engineering College	07.02.2001	03.01.2004	2	11
3.	R.V.S. College of Engg	05.01.2004	13.01.2011	7	-
4.	Sethu Institute of Technology	14.01.2011	16.09.2016	5	8
5	Saveetha Engineering College	09.01.2017	30.05.20	3	4
6	E.G.S.Pillay Engineering College	08.08.2020	Till Date		

Total Service in Engg . Colleges

26

Years

11

Months

Achievements:

1. **Received R & D project fund from TNSCST** under the title of “Manufacturing of crude fish oil from dead for Renewable Energy sources for Marine as blend in Oils” **with an amount of Rs. 7,500.- 2020.**
2. **Received R &D project fund from I.E** under the title of “Monitoring sea surface wave using acoustic sensor and Neural network for weathering monitoring Applications” **with an amount of Rs. 10,000.- 2019.**
3. **Received Seminar Grant of Rs. 75,000 from DST** under the title of Control Strategy Prediction between Conventional and Intelligent Controllers.-2018
4. **Received STTP Seminar Grant of Rs. 2,15,000 from AICTE** under the title of Instrumentation in New world.-2020
5. **Received 2017-Best Teacher Award**(Academic)with the Cash prize of 21,000
6. **Received 2017- Best Publication Award**
7. **Received 2018- Best Teacher Award** (Academic) with the cash prize of 12,000
8. **Received 2018- Best publication Award**
9. **Received 2019- Best Teacher Award** (Academic) with the cash prize of 14,000
10. **Received International Higher Education Leadership Award Winner HELA 2019** in Distinguished category.
11. **Received 25,000 for Publication.**
12. **Received 15,000 for Publication.**

Book Reviewer:

Circuits and Networks - Tata McGraw Hill Education Pvt. Ltd.

International Journal Reviewer: International Journal of Circuit System

Book Publication: Treatise in Instrumentation and Measurements– 2014

Book Chapter Publication: Research Trends in Medical Sciences – “ A Process Methods, a system and a Data Storage Medium Focused on Liver Cancer”. – 2022 pages 148, AkiNik Publications, New Delhi.

Areas of Research Interest

Medical Imaging, Image Processing, Video Processing, Neural Network, Instrumentation Systems, Genetic Algorithm, VLSI Design, Control Systems.

Recognised Supervisor - Anna University- Chennai- EEE– Ref. No.2430050

1. Guiding 11 Ph.D scholars.
2. Acting as Anna University D.C memberfor 10 -Ph.D scholars.
3. **Produced 5Ph.D's**

Academic Achivements in Anna University Chennai:

1. Genetic Algorithm and their applications	- 100%-----	2013
2. Neural Computing	- 100%-----	2015
3. VLSI Technology	- 100%-----	2014
4. Measurements and Instrumentation	-95.65%-----	2007
5. Process Control Instrumentation	- 100%-----	2008
6. Computer Control of Instrumentation	- 100%-----	2008
7. Analytical Instrumentation	- 100%-----	2009
8. Industrial Instrumentation I	- 100%-----	2009
9. Instrumentation and Control In Petrochemical Industry	-100%-----	2010
10. Process Control-	- 98.6%-----	2017
11. Analytical instruments	- 100%-----	2018
12. Bio Medical Instrumentation	-100%-----	2018
13. Computer control of Process	- 100%-----	2019
14. Power plant Instrumentation	- 100%-----	2019
15. Bio Sensors and Measurements	- 100%-----	2020
16. Bio Process Control	- 100%-----	2021

During Valuation:

- Acted As Board Chairman (ECE- UNIVERSITY CAMPUS – DINDIGUL- 2012 to 2016)
- Acted As Board Chief Examiner (ECE- UNIVERSITY CAMPUS - DINDIGUL)
- Acted As Board Chairman (ECE- AC. TECH - KARAIKUDI)

Ph.DSCHOLARS UNDER MY SUPERVISION

- S.Srinivasan: His Title is "**Enriching Power Quality using Soft Computing Technique,**" Since July 2011, Anna University of Technology, Tirunelveli.-

Reg. No. 20117301007Status:AwardedPh.D,2018

- M.Lakshmanan: His Title is "**Applications of Intelligent Controllers for Non-Linear System,**" Since July 2011, Anna University of Technology, Tirunelveli.

Reg. No. 20117301011Status:Awarded Ph.D,2018

- **K.Jalaldeen: His Title is "Applications of Soft Computing in CT Scan Lungs Image Analysis System,"** Since July 2011, Anna University of Technology, Tirunelveli.

Reg.No. 20117401006 Status: Awarded Ph.D,2019

- **N.Kinsburksunil: His Title is "Analysis of Wheezes in Respiratory sounds using Soft Computing Techniques"** Since July 2011, Anna University of Technology, Tirunelveli

Reg. No.20117301006 Status: :Awarded Ph.D in2020.

- **B.SelvaGanesh: His Title is "Efficient Medical Image Retrieval with Segmentation"** Since Jan 2013, Anna University , Chennai.

Reg. No. 1314489248 Status:Comprehensive viva completed..and going to submit synopsis.

- **A.MathanGopi, : His Title is "Navigation using Video Resolution for Visually Impaired in Wearable Computing."** Since June 2013, Anna University , Chennai.

Reg. No. 1313489805 Status: Awarded Ph.D in 2022.

B. Muthupandian :Soft Computing applications of Partitioning and Placement in IC chip

Reg.No: 1513489729 Status: Comprehensive viva completed

- **S.Rameshkumar: IOT Technics in FPGA**

Reg.No. 1514389716 Status: Comprehensive viva completed

- **M. Vadivel: 3-D Image Segmentation**

Reg.No.1514489740 Status: Comprehensive viva completed

- **.S.Sudha: Baby Growth analysis using Soft computing Techniques**

Reg.No.:1623489129 Status: Comprehensive viva completed

PATENT:

REGISTERED IN 2018: “Non invasive Thermal Image Technique for Petrol Adultration”

REGISTERED IN 2022: “SUPERVISED MACHINE LEARNING MODELS FOR DIABETES MELLITUS PREDICTION” Application No. 2022211007277

REGISTERED IN 2022: “Cascading convolutional neural network based image spoofing detection algorithm”, Application No. 202241018057

Memberships:

MISTE, MIE, MIETE, ISOI,ISA

Last Three Years courses attended:

S.NO	DATE	WORKDONE
1	March 27 th & 28 th 2014	National level workshop on Recent Advances aided diagnosis of oral diseases
2	Jan 8 th 2015	Seminar on IMAGE PROCESSING & Remote Sensing
3	May 2016	Participated in International Journal of VLSI System design and communication system
4	March 16 & 17 th 2017	Recent Trends in Antennas for space applications (Twodays)
5.	July 10 th -15 th 2017	III Kharagpur Conducted ISTE STTP On Electric Power System – Workshop
6.	June 12 th to 18 th 2017	Anna University sponsored Faculty Development Program On EE 6006 – Applied Soft Computing
7	March 31 st 2017	International Conference on Instrumentation, Electrical and Electronics Engineering – presented a Paper on “Modeling of Active suspension using PID & Using MPC Controller Design”
8	March 31 st 2017	International Conference on Instrumentation, Electrical and Electronics Engineering – presented a Paper on “Navigation for Blind People using Ultrasonic Tester.”
9	March 25 th 2017	Tech Innovation hands on Training one day workshop
10	March 19 th 2018	Acted as Chief guest for national conference on BIOMEMS BEING ORGANISED BY DEPARTMENT OF Bio-medical Engg at DhanalakshmiSrinivasan College of Engineering -Perambalur
11	April 18 th – 24 th 2018	ORGANIZED DST SPONSORED NATIONAL SEMINAR On “Control Strategy Prediction between Conventional and Intelligent Controller
12	16 th & 17 th July 2018	International conference on Data Analytic and Business Intelligence-- ‘Petrol Adulteration detection using Thermal Analysis”
13	10 TH Aug. 2018	IEEE Technically sponsored National level seminar on Recent Research in Image processing.
14	29 th & 30 th Aug 2018	TEACHING LEARNING CENTRE –IIT--FDP
15	26 th & 27 th Nov.2018	RESEARCH METHODOLOGY- TOOLS AND TECHNIQUES IN ENGINEERING
16	29 TH & 30 TH Nov. 2018	TECHNICAL PAPER CONTENT WRITING – TOOLS TIPS AND RESOURCES
17	7 th Dec 2018	DESIGN THINKING at SEC
18	10 th to 16 th June 2019	Anna University Sponsored One week Faculty development program on Digital Signal processing at ValliammaiEngineering College
18	June 7 th – (th	Workshop on Artificial Intelligence conducted by 3G Institute of

	June 2019	Research and Policy studies in collaboration with IBM at IIT Part Chennai
19	6 th Sept. to &thsept 2019	Co-ordinated Workshop on "PLC" organized by Drestein'19. At SEC.
20	Nov.22 nd to 25 th 2019	IIEECP Workshop held at SEC. Teaching Learning Process.
21	April 5 th to May 7 th 2020	STLC fdp program for Moodle

Chief Guest/Guest Lecture/ Talent HUNT delivered:

S.NO	DATE	TITLE	VENUE
1	April 8 th 2011	National Conference- Chair Person	KLU
2	April 8 th 2012	InterNational Conference- Chair Person	KLU
2	Sep 14 th 2013	National level Technical symposium Chief Guest- Delivered speech on Opportunities in IT Dept.	KINGS Engineering college
3	Aug. 19 th 2015	Accident Alert System	SIT
4	April 2016	FDP on Advanced process control	SIT
5	August 2018	Research Methodology	DhanalakshmiSrinivasan Engineering College

Research Proposals

2014- Research proposal sent to DRDO under the title of Conical Tank PID controller Tuning –cleared Uptosecond round . We got Review and qurries.

2015 - Research proposal sent to DRDO under the title of Moving Object Detection – We got Review and Qurries.

2017 – Research Proposal sent to DST Solar panel back side voltage Measuring Devices.

2018 – Research proposal sent to AICTE under the title of Petrol Adulteration Detection.

2019- Research proposal sent to IE cheapter for student Projects under the title of Monitoring the Sea surface waves using Acoustic Sensor.

2019 - Research proposal sent to IE cheapter for student Projects under the title ofStructural Health Monitoring through DRONE ariel Imaging.

2019 - Research proposal sent to DSTserb under the title of “EAR-EEG signal complexity analysis for visual perception during rest and mental activity for schizophrenia patient in natural environment to earlier diagnose and monitoring the mood disorder”.

Status:First level cleared..

Journal Publications :

S.No	Publication Month and Year	Faculty Name	Branch Name	Name of the Paper	Journal Name	Citation Number
1	June 2009	Dr.R.Ganesan	Electronics & Instrumentation Engineering	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	Dr.R.Ganesan	Electronics & Instrumentation Engineering	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	Dr.R.Ganesan	Electronics & Instrumentation Engineering	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	Dr.R.Ganesan	Electronics & Instrumentation Engineering	Segmentation of Computed Tomography Brain Images	, International Journal of Soft Computing,	Vol. 4, No. 4, pp. 157-161. ANNA

		Annexure II		using Genetic Algorithm',	Medwell Journals,	<i>UNIVERSITY ANNEXURE II</i>
5	October 2011	Dr.R.Ganesan	Electrical & Electronics Engg	Enhancement of CT brain images using Edge based selective median filter'	International Journal of Computer Applications in Engineering, Technology and Sciences	<i>Vol.4</i> Page No.207
6	October 2011	Dr.R.Ganesan	Electrical & Electronics Engg	Intelligent agent based Knowledge management and knowledge discoverySystem	International Journal of Advanced Research in Computer Science	<i>VLO 3</i> <i>NO.2</i> APRIL 2012
7	July 2012	Dr.R.Ganesan Annexure I	Electrical & Electronics Engg	Analysis of CT scan brain images using RBFN	Defence Science Journal	<i>Vol. 62</i> <i>No.4 PP</i> <i>212-218</i> <i>ANNA</i> <i>UNIVERSITY</i> <i>ANNEXURE I</i>
8	Nov 2012	Dr.R.Ganesan	VLSI Design	Design of Reconfigurable Multimode Inter Leaver for MIMO-OFDM Systems	BONFRING Intellectual Integrity	<i>Page No.1-4</i> <i>Paper ID</i> <i>ICEC1001</i>
9	Feb-2013	Dr.R.Ganesan	VLSI Design	A Lphc X-Filling Framework For Capture Power Reduction During Speed Scan Testing	Journal of Engineering ,Computers & Applied Sciences	<i>Vol.2,No.2,</i> <i>Feb-2013</i>
10	Feb-2013	Dr.R.Ganesan	VLSI Design	Novel Approach on Efficient Hardware Architecture for 2D-Discrete WaveletTransforms	International Journal of Advanced Information science and technology.	<i>Vol.10.No.1</i> <i>0,Feb-2013</i>

11	Feb-2013	Dr.R.Ganesan	VLSI Design	Dynamic Fault Tolerance System for Testing Mutiple Fault Defects	International Journal of Advanced Information science and technology.	<i>Vol.10.No.1 0,Feb-2013</i>
12	Mar-2013	Dr.R.Ganesan	VLSI Design	Efficacious Redundanvy Technique for Enriched Lockstep Architecture	International Journal of Advanced Information science and technology.	<i>Vol.11.No.1 1,Mar-2013</i>
13	Mar-2013	Dr.R.Ganesan	VLSI Design	Performance Analysis of Real Time Architecture Using PES Technique	International Journal of Advanced Information science and technology.	<i>Vol.11.No.1 1,Mar-2013</i>
14	Mar-2013	Dr.R.Ganesan	VLSI Design	Power Optimization Technique for testing VLSI Circuits	International Journal of Advanced Information science and technology.	<i>Vol.11.No.1 1,Mar-2013</i>
15	Mar-2013	Dr.R.Ganesan	VLSI Design	VLSI Implementation of Qos Supported Efficient Adaptive Network on Chip Architecture	International Journal of Advanced Information science and technology.	<i>Vol.11.No.1 1,Mar-2013</i>
16	April-2013	Dr.R.Ganesan	VLSI Design	VLSI Implementation of Multi Layer adaptive error control for network on chip links	International Journal of Advanced Information science and technology	<i>Vol.12.No.1 2,Mar-2013</i>
17	April-2013	Dr.R.Ganesan	VLSI Design	VLSI Design and performance	International Journal of	<i>Vol.12.No.1 2,Mar-2013</i>

				analysis of multi channel ADC using MTS algorithm	Advanced Information science and technology	
18	April-2013	Dr.R.Ganesan	VLSI Design	VLSI Design of Fault tolerance system with Reconfigurable Codes	International Journal of Advanced Information science and technology	<i>Vol.12.No.1 2,Mar-2013</i>
19	April-2013	Dr.R.Ganesan	VLSI Design	VLSI Implementation of Adaptive Pre Filtering Techniques for Image Resampling Noise Compensation	International Journal of Advanced Information science and technology	<i>Vol.12.No.1 2,Mar-2013</i>
20	April-2013	Dr.R.Ganesan	VLSI Design	VLSI Implementation of Color Image Compression Based on Boundary Adaptive Quantization and Linear Predictive Modeling	International Journal of Advanced Information science and technology	<i>Vol.12.No.1 2,Mar-2013</i>
21	April-2013	Dr.R.Ganesan	VLSI Design	VLSI Implementation of Hough Transform to Reduce Resource on an Image	International Journal of Advanced Information science and technology	<i>Vol.12.No.1 2,Mar-2013</i>
22	June 2013	Dr.R.Ganesan	CMOS	Power Gated Pulsed Dual Edge Triggered Flip Flop	International Journal of Advanced Information Science and Technology (IJAIST)	<i>Vol.14, No.14, June 2013</i>
23	April-2014	Dr.R.Ganesan	Image Processing	Optical Disc Detection on Retina Image Using VLSI	CiiInternational Journal of Programmable	Vol 6, No 4 (2014)

				Genetic Optimization Technique	Device Circuits and Systems	
24	April-2014	Dr.R.Ganesan	VLSI	Economic Power Speed Daubechies Wavelet Filter Using VLSI	CiiTInternational Journal of Digital Signal Processing	Vol 6, No 4 (2014)
25	April-2014	Dr.R.Ganesan	VLSI	An FSM Based Memory Architecture to Valuate Memory Fault for OFDM	CiiTInternational Journal of Digital Signal Processing	Vol 6, No 4 (2014)
26	April-2014	Dr.R.Ganesan	LOW POWER	Static Algorithmic Transformation Based Low Power Wireless Sensor Networks	CiiT International Journal of Wireless Communication on April 09, 2014.	Vol 6, No 4 (2014)
27	April-2014	Dr.R.Ganesan	IMAGE PROCESSING	Improved Navigation For Visually Challenged With High Authentication Using a Modified Sift Algorithm I	International Journal of Advanced Research in Computer Science & Technology (IJARCST 2014)	Vol. 2 Issue Special 1 Jan-March 2014
28	April-2014	Dr.R.Ganesan	IMAGE PROCESSING	ANFIS Classifier Based Lung Tumor Severity Diagnosis	IJARCST-CF-I-2014-16	Vol. 2 Issue Special 1, January to March 2014,
29	April-2014	Dr.R.Ganesan Annexure II	IMAGE PROCESSING	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	April-2014	Dr.R.Ganesan	VLSI	Testing Of An IC Using BIST Approach	IJCII	
31	April-2014	Dr.R.Ganesan	VLSI	Testing Of An IC Using debugging Approach	Elysium Journal of Engineering Research & Management	
32	July-2014	Dr.R.Ganesan Annexure II	Control System	Design of Controllers for Dual – Motor Ball and Beam System	International review of Mechanical Engineering	Vol.8,N.4,I SSN 1970-8734, PP 714 ANNA UNIVERSITY ANNEXURE II
33	August-2014	Dr.R.Ganesan Annexure II	Power System	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
34	Dec - 2014	Dr.R.Ganesan Annexure II	Image processing	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
35	January–2015	Dr.R.Ganesan	VLSI	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

36	August-2014	Dr.R.Ganesan Annexure II	Power System	Power Quality Enrichments using Fuzzy logic Controller based Shunt Hybrid Power filter with thyrister Controlled Reactor	International Journal of Applied Engineering Research	Vol.9 No.24 PP 8344-8351 ANNA UNIVERSITY ANNEXURE II
37	January – 2015	Dr.R.Ganesan Annexure II	Speech Signal Processing	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
38	FEB – 2015	Dr.R.Ganesan	VLSI	DESIGN OF STBC OFDM DOWNLINK BASEBAND RECEIVER FOR LOW POWER APPLICATIONS USING VLSI TECHNOLOGY	<i>International Journal of Advanced Information Science and Technology</i>	(IJAIST) ISSN: 2319:2682 Vol.34, No.34
39	FEB – 2015	Dr.R.Ganesan	VLSI	Designing High Performance Multi Port Router NoC With Shared Buffer	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
40	FEB – 2015	Dr.R.Ganesan	Image Processing	Region based CT Lung image analysis with neural Network Multi-Level Classifier	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,

41	FEB – 2015	Dr.R.Ganesan	VLSI	RECOGNITION OF SURGICALLY ALTERED FACE USING NEURAL NETWORK CLASSIFIER	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
42	FEB – 2015	Dr.R.Ganesan	VLSI	Real Time Face Detection Using AdaBoost Algorithm	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
43	FEB – 2015	Dr.R.Ganesan	Speech Processing	Preliminary Recognition of Respiratory Deformities using Cepstral Analysis	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
44	FEB – 2015	Dr.R.Ganesan	Image Processing	NEURAL NETWORK BASED BINARY TISSUE CLASSIFICATION ON WOUND IMAGES	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
45	FEB – 2015	Dr.R.Ganesan	VLSI	LOW POWER VLSI FOR IMAGE COMPRESSION SYSTEM USING DISCRETE WAVELET TRANSFORM	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,

46	FEB – 2015	Dr.R.Ganesan	Image Processing	DETECTING THE EPILEPTIC SEIZURE USING HISTOGRAM FEATURES	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
47	FEB – 2015	Dr.R.Ganesan	VLSI	DESIGN OF RELIABLE NoC USING DECIMAL MATRIX CODE	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
48	FEB – 2015	Dr.R.Ganesan	VLSI	Design Of RAID Controller With Low Power And High Performance	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
49	FEB – 2015	Dr.R.Ganesan	VLSI	A Novel Approach to Implement the BIST Technique in TMR Systems and Generate Test Patterns	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
50	FEB – 2015	Dr.R.Ganesan	VLSI	<i>A bandwidth scalable controller technique for reducing power consumption of caches in embedded processor</i>	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,

51	FEB – 2015	Dr.R.Ganesan	VLSI	<i>A Secured Data Transmission in Wireless Sensor Network Using ID-Based Broadcast Authentication Scheme</i>	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
52	FEB – 2015	Dr.R.Ganesan	VLSI	PERFORMANCE ANALYSIS OF 128-BIT ADDER USING DIFFERENTIAL LOGIC STYLE BY BINARY TO EXCESS CONVERTER	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
53	FEB – 2015	Dr.R.Ganesan Annexure II	VLSI	Design of fuzzy Controller Based on PSO Algorithm to Control The Dissolved Oxygen In The Activated Sludge Water	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
54	FEB – 2015	Dr.R.Ganesan	VLSI	REDUCING POWER CONSUMPTION IN NETWORK ON CHIP USING SCRAMBLE TECHNIQUES	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
56	FEB – 2015	Dr.R.Ganesan	VLSI	ADDER FOR LOSSY ADDITION IN QCA	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,

57	FEB – 2015	Dr.R.Ganesan	VLSI	DETECTION OF FUNCTIONAL ANOMALIES OF FETAL HEART USING AUSCULTATION METHODOLOGY	<i>International Journal of Advanced Information Science and Technology</i>	ISSN: 2319:2682 Vol.34, No.34,
58	June 2016	Dr.R.Ganesan ANNEXURE I	Instrumentation	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 - 7315.2016.00 381.6 Category: Science and Technology Annexure I
59	June 2016	Dr.R.Ganesan ANNEXURE I	Power Quality	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 - 7315.2016.00 380.4 Category: Science and Technolog Annexure I

60	May 2016	Dr.R.Ganesan	VLSI	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
61	May 2016	Dr.R.Ganesan	VLSI	VLSI Implementation of Polar Codes VIA Folding Transmission	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE AND COMPUTING	DOI 10.4010/2016 .1259 ISSN 2321 3361 © 2016 IJESC
62	May 2016	Dr.R.Ganesan	VLSI	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 .1262 ISSN 2321 3361 © 2016 IJESC Page No. 5128
63	May 2016	Dr.R.Ganesan Annexure I	Image Processing	An Automated Lung Cancer Detection from CT Images Based on Using Artificial Neural Network and Fuz Clustering Metho	International Journal of Applied Engineering Research	Volume : 6, Issue : 8 First page : (2321) La st page : (2343) Online ISSN : 2249- 7315. Article DOI : 10.5958/2249-7315.2016.00749.8 Annexure I

64	2017	R.Ganesan	Process Control	Design and implementation of pi controller tuned by fuzzy logic for water level control of spherical tank system	,” <i>Journal of Electrical Engineering</i> ”	ISSN:1582-4594. Volume.17, 2017. Scopus,Impact factor:0.97 Annexure I
65	May-2017	R.Ganesan	Power Quality	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
66	July 2017	R.Ganesan	Image Processing	Fuzzy-C-Means Clustering Based Segmentation and CNN-Classification for Accurate Segmentation of Lung Nodules	, <i>Asian Pacific Journal of Cancer Prevention,</i>	<u>Volume 18,</u> <u>Issue 7,</u> Page 1869-1874, <i>55 H Index, Impact factor:1.500.</i> <i>Scopus</i> Annexure I
67	2017	R.Ganesan	Image processing	<i>Statistical Analysis of Feature Extraction for CT Brain Image Using Reduced Gray Level RunLength Method,</i>	Jour of Adv Research in Dynamical & Control Systems,	Vol. 9, No. 2, 2017. Scopus , 4 H Index

68	2017	Dr.R.Ganesan	VLSI	<i>Design of a Cellular Automata based VLSI Architecture for Error Correction,</i>	Jour of Adv Research in Dynamical & Control Systems,	Vol. 9, No. 1, 2017 , Scopus , <i>4 H Index</i>
69	2017	Dr.R.Ganesan	Image Processing	Impulsive Imposture from video using Blaze Vigour.	Jour of Adv Research in Dynamical & Control Systems	Vol. 9, No. 1, 2017 , Scopus , <i>4 H Index</i>
70	2018	Dr.R.Ganesan	Image Processing	GPSO based effective system for respiration Disease detection	TAGA Journal	VOL: 14 ISSN:1748-0345 Page:700 Annexure I
71	Sep-2018	Dr.R.Ganesan	Optical	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
72	Oct-2018	Dr.R.Ganesan	OPTICAL	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

73	Jan-2019	Dr.R.Ganesan	Bio Medical	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
74	March-2019	Dr.R.Ganesan	Image Processing	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
75	Dec-2019	Dr.R.Ganesan	Bio Medical	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
76	Jan 2020	Dr.R.Ganesan	Optical Image Processing	"Comparison of the Speed Between Digital and Optical Image Processors for Real Time Applications"	IJESC	ISSN 2321 3361 © 2019 Impact factor of 5.61

77	Jan 2020	Dr.R.Ganesan	Optical Image Processing	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
78	2021	R.Ganesan	Biomedical	<u>Design and Development of 3D Brain MRI System Using Deep Neural Networks</u>	Journal of Medical Imaging and Health Informatics	11 (10), 2653-2659 (Annexure)
79	2021	R.Ganesan	Image Processing	<u>Automatic Facial Emotional Valence Detection System Modelling Using Crafted Features and Deep Neural Network</u>	Journal of Medical Imaging and Health Informatics	11 (6), 1568-1579 (Annexure)
80	2021	R.Ganesan	Biomedical	Computer aided tuberculosis	Materials Today: Proceedings	Vol 47, Pages 292-298,ISSN: 1369-7021, Scopus.
81	2021	R.Ganesan	Biomedical	“Survey on compact dual – Band stop frequency selective surface for shielding application”	Materials Today: Proceedings	Volume 47, Part 1, 2021, Pages 410-413, ISSN: 1369-7021, Scopus.

82	2021	R.Ganesan	Biomedical	Cashew Nut Grade classification Using Convolutional Neural Network	API Conference Proceedings	Volume 12, Part 1, 2021, Pages 243-248, ISSN: 1369-7021, Scopus.
83	2021	R.Ganesan	Biomedical	"Automated Detection and Classification of Breast Cancer Nuclei with Deep Convolution Neural Network	J.ICT Res. Appl.	Vol.15.No.2.2021, 139-151, March 2021. Scopus.

You tube Video for my Research:

https://youtu.be/XOZbJ_NFQw0

LAST THREE YEARS CONSOLIDATED:

YEAR	ANNEXURE I	ANNEXURE II	SCOPOUS	WEB OF SCIENCE	UGC APPROVED/ GOOGLE SCHOLAR/ ONLINE WITH ISSN
2017	02	05	06	-	30
2018	01	-	02	-	15
2019	01	-	04	01	05
2020	01		01		03
2021			01	01	
2022			01	01	



Dr.R.Ganesan