

Publications - Journals & Conferences

International/National Journals

Sl. No.	Name of the Author	Title of the Paper	Name of the journal	Vol No., Page No. and DOI	Month and Year	Impact Factor
International/National Journals - 2017-2018						
1	Mr.T.Ramakrishnan Dr.B,Sankaragomathi	A professional estimate on the Computed Tomography Brain Tumor Images using SVM-SMO for classification and MRG-GWO for segmentation	Pattern Recognition Letters	Vol.94, pp.163-171,	April 2017.	
	Dr.B,Sankaragomathi Muthukumar Paramasivan , Melba Mary, Paulraj	Assorted Carrier-Variable Frequency-Random PWM Scheme for Voltage Source Inverter	IET Power Electronics	Vol.10, No.4, pp.1993 - 2001	November 2017	
	Dr.B,Sankaragomathi J. Leema rose	Design and Implementation of Model Predictive Controller for Digitally Controlled Cuk Converters	Journal of Computational and Theoretical Nanoscience (American Publishers)	Vol.15, No.1 pp. 99-105	January 2018	
	Dr.B,Sankaragomathi A. Anto Spiritus Kingsly	Performance Analysis of Machine Learning Based Classifiers for the Diagnosis of Melanoma Cancer and Comparison	Journal of Computational and Theoretical Nanoscience (American Publishers)	Vol. 15, No.2 pp. 558-575	February 2018	
	Dr.B,Sankaragomathi C. Peter Devadoss	Near lossless medical image compression using block BWT-MTF and hybrid Fractal compression techniques	Cluster computing (Springer)	Accepted for publication	2018	
	Mr.Rajagopal Dr.B,Sankaragomathi	Background normalization and texture pattern-based video segmentation	International research journal of pharmacy	Vol.8, No.11 ISSN 2230 - 8407	November 2017	

		for visual tracking				
Dr.B,Sankaragomathi	Comparison of Buck-Boost and Cuk Converters based on time domain response	Journal of Circuits, Systems, and Computers (World Scientific)	Accepted for publication Vol.27, No.14 I.F. 0.481	2018		
Kanagavalli B.Sankaragomathi	Self Optimized Bridge Scheduling for Bluetooth Scatter net	International Journal of Pure and Applied Mathematics	Vol. 119 No. 12 pp.13625-13630 I.F.0.29	August 2018		
Kanagavalli B.Sankaragomathi	Relay Based Performance Metrics of Bluetooth Scatternet Scheduling	Indonesian Journal of Electrical Engineering and Computer Science	Vol. 11, No. 2, pp. 469-474 I.F. 0.26	August 2018		
Jackson Daniel J. Janet Paulin AbudhahirA	Magnetic Flux Leakage (MFL) based Defect Characterization of Steam Generator Tubes using Artificial Neural Networks	Journal of magnetics	Vol. 22, No. 1 pp: 3442 ISSN 12261750	2017		
Suresh. V AbudhahirA Carmel sobia.M M.Barkavi	Theoretical analysis of the Rectangular data orientation using magnetic flux leakage	Measurement science review	Volume 18 Pp:28-34	2017		
Arun R. Pathiran & Prakash J	Model Based Multivariable Control Scheme in a Reset Configuration for Stable Multivariable Systems	Canadian Journal of Chemical Engineering	96(6):1317-1326	2018		
R. Muniraj M. Willjuice Iruthayarajan & Arun R. Pathiran	Tuning of Robust PID controller with Filter for SISO system using Evolutionary Algorithms	Studies in Informatics and Control	26 (3), 277-286	2017		

Arun R. Pathiran	Effect of Dead-time Approximation on Controller Performance/Robustness Designed for a First Order plus Dead-time Model	Journal of Electrical Engineering	17(4):502-507	2017	
Arun R. Pathiran & Prakash J	Design of Internal Model Control Dead-time Compensation Scheme for First Order Plus Dead-time Systems	Canadian Journal of Chemical Engineering	Doi.org/10.1002/cjce.23202	2018	
M. Carmel Sobia, Abudhahir, A	Facial Expression Recognition using a Hybrid Kernel based extreme learning machine	Journal of Computational and theoretical nanoscience's	Vol 14,1-11	June 2017	
M. Carmel Sobia, A.Geetha	Feature Extraction and Analysis of Electrocardiogram Using Wavelet Transform	International journal of Electronics, Electrical and Computational System (UGC listed)	Vol.6, Issue9	September 2017	
Veera shanthi ram.M M.Carmel Sobia A.Geetha J.Babitha Thangamalar	Feature Extraction and analysis of Electrocardiogram using Wavelet Transform	International Journal of Electronics, Electrical and Computational System ISSN 2348-117X,	Volume 6, Issue 9,	September 2017	
J.Babitha Thangamalar Dr.A.Abudhahir	Enhanced Linearisation Process Based On Modified Multi Objective Covariance Matrix Adapted Evolution Strategy	Journal of Computational and Theoretical Nanoscience (CTN)	Accepted for Publication	2017	
International/National Journals - 2016-2017					

1	Dr.B.Sankaragomathi	Brain Tumor Detection from MRI images using histon based segmentation and modified Neural Network	Biomedical Research 2016: Computational Life Sciences and Smarter Technological Advancement	Special Issue: S1-S9	April 15, 2016	0.236
2	Dr.B.Sankaragomathi	Region of Interest Based MRI Brain Image Compression using Peano Space Filling Curve	Current Signal Transduction Therapy, Hungary	Vol.11 (999) : No.1-1	June 2016	0.55 (Scopus Index)
3	Dr.B.Sankaragomathi	A Professional Analysis and Evaluation of Computed Tomography Brain Tumor Images using SDNN for Segmentation and SOM-LS-SVM for Classification	Journal of Medical Imaging and Health Informatics Amer Scientific Publishers, USA	Vol.6 pp.1426-1429,	Aug 2016	0.877
4	Dr.B.Sankaragomathi	Design, Modeling, Analysis and Simulation of a SEPIC Converter	Middle-East Journal of Scientific Research	Vol.24, No.7 pp: 2302-2308	2016	0.38
5	Dr.D.Santhi	Segmentation and classification of bright lesions to diagnose diabetic retinopathy in retinal images	Biomed. Eng.- Biomed. Tech	61(4):443-453	Feb 2016	1.650
6	V.Suresh	Dipole Model to Predict the Rectangular Defection Ferromagnetic Pipe	Journal of Magnetics	21(3), 437-441	June 16, 2016	0.421
7	V.Suresh A. Abudhahir Jackson Daniel	Development of magnetic flux leakage measuring system for detection of defect in small diameter steam generator tube	Measurement	95 (2017) 273-279	January 2017	1.433
8	V.Suresh A. Abudhahir	An Analytical Model for Prediction of Magnetic Flux Leakage from Surface Defects	Measurement Science Review	Volume 16, No. 1	2016	0.969

		in Ferromagnetic Tubes				
9	T.Ramakrishnan Dr.B.Sankaragomathi	A Professional Analysis and Evaluation of Computed Tomography Brain Tumor Images using SDNN for Segmentation and SOM-LS-SVM for classification	Journal of Medical Imaging and Health Informatics	Volume 6, No. 6, PP 1426 - 1429	Oct 2016	0.877
10	J.Babitha Thangamalar A. Abudhahir	Enhanced Linearization Approach for CTA Linearisation based on Evolutionary Algorithm	Asian Journal of Research in Social Sciences and Humanities	Volume 6, No.10, PP 108-121	Oct 2016	0.315
International/National Journals - 2015-2016						
1	B .Sankaragomathi V.Sheejakumari	Brain tumor detection from MRI images using histon based segmentation and modified neural network.	Biomedical Research An International Journal of Medical Sciences	Volume 17, Number 4 PP.1-9 I.F. 0.236	2016	
2	V.Suresh A.Abudhahir	An Analytical Model for Prediction of Magnetic Flux Leakage from Surface Defects in Ferromagnetic Tubes.	Measurement Science Review	Vol. 16(1), 8-13	2016	0.989
3	S.Manikandan M.Suresh P.X.Nancy Grace	Control Moment Gyroscop's Gimbal Rate Control Using Permanent magnet Synchronous Motor Control Techniques	International Journal Applied Engineering Research	Vol.10 No.62	Aug 2015	-
International/National Journals - 2014-2015						
1	Dr.A.Abudhahir I. Jackson Daniel, A. Prabhu, S. Siva Suriyanarayanan	Defect detection in Ferro magnetic material using Magnetic Flux Leakage Image Processing	International Journal of Applied Engineering Research	Volume 10, Number 19 pp: 14951-14956 ISSN 0973-4562	2015	

2	Dr.A.Abudhahir I.Jackson Daniel J.Janet Paulin	Krawtchouk Moment based characterization of defects in Magnetic flux leakage (MFL) images	International Journal of Applied Engineering Research	Volume 10, Number 20 (2015) pp: 15593-15597 ISSN 0973-4562	2015	
3	Dr.A.Abudhahir K.Shankar R.Anusha Devi	Design and Testing of Peltier based Pain Stimulator	Adv. in Nat. Appl. Sci.,		2015	
4	Dr. A. Abudhahir, V. Suresh, A. Hathimary, N. Chermakani	Theoretical Analysis of Magnetic Flux Leakage Signal from Arbitrary Oriented Rectangular Defect in Ferromagnetic Pipe	International Journal of Applied Engineering Research	Volume 10, Number 19 pp 14957-14962	2015	
5	Dr.A.Abudhahir V.Suresh M.Vivekanandan N.Chermakani	Development of Imaging System for Defect Detection on Steam Generator Tubes	International Journal of Applied Engineering Research	Volume 10, Number 19 pp 15031-15035	2015	
6	M.Carmel sobia Solomon easudasan Dr.A.Abudhahir A.Geetha	Facial Expression Recognition using DLBP and GLCM to control a wheelchair	International journal of applied engineering research	vol.10 no.19	2015	
7	Dr.A.Abudhahir A.Vidhya A.Geetha M.Carmel Sobia	Appraising the profundity of facial action recognition for time sequential facial expression image analysis	International journal of applied engineering research	vol.10 no.20	2015	
8	Dr.A.Abudhahir A.Geetha M.Carmel sobia Solomon Easudasan	Facial Expression Recognition using DLBP and GLCM to control a wheelchair	International journal of applied engineering research	vol.10 no.19	2015	
9	A.Abudhahir J.Babitha thangamalar S.Muthumeera	Implementation of Transducer Linearization Using Tanner EDA Tool	International Journal of Applied Engineering Research, Research India Publications	ISSN 0973-4562 Volume 10 Number 19(2015), PP. 14947-14950	2015	

10	B .Sankaragomathi V. Sheejakumari	MRI Brain Images Healthy and Pathological Tissues Classification with the Aid of Improved Particle Swarm Optimization and Neural Network	Hindawi Publishing Corporation, Computational and Mathematical Methods in Medicine	Volume 2015, Article ID 807826, 12 pages I.F. 1.081	2015	
11	B. Sankaragomathi M. Antony Freeda Rani	Tuning of conventional PI controller and Fuzzy Logic Controller with Permanent magnet Brushless DC motor drive	Journal of Convergence Information Technology	(ISSN: 1975- 9320) South Korea	2015	
12	B. Sankaragomathi M. Antony Freeda Rani	Performance Enhancement of PID controllers by Modern optimization Techniques for speed control of PMBL DC motor	Research Journal of Applied Sciences, Engineering and Technology, Maxwell scientific publications United kingdom		2015	0.501
13	B. Sankaragomathi M.Antony Freeda Rani	PMBLDC Drive Performance Based On Closed Loop And Open Loop Speed Control Tuning Of Pi Controller	International Journal of Applied Engineering Research		2015	
14	B. Sankaragomathi J.Leema Rose	Analysis and Comparison of Digital Nonlinear Controllers for Cuk Converter	International Journal of Applied Engineering Research(ISSN 0973 4562)	Vol.10, No.2, pp. 1862-1867 (Annex. II)	2015	
15	B. Sankaragomathi K. Chitra T. Ramakrishnan	Automatic Segmentation of Brain Tumors in CT Images using LIPC	International Journal of Applied Engineering Research	Vol. 10 No.20 pp.15478 -15483	2015	
16	Santhi D, Manimegalai D, Parvathi S, Karkuzhali S.	Segmentation of Bright Lesions in Diabetic Retinopathy Retinal Images	International Journal of Applied Engineering Research	Vol. 10 No.20 ISSN 0973- 4562	2015	
17	Santhi D, Manimegalai D Karkuzhali S.	Effective Segmentation of Optic Disc in retinal images for diagnosing eye diseases that leads to blindness	Biomedical and Pharmacology journal	427-434 Vol No .01 ISSN 0974- 6242	2015	

18	D. Santhi R. Kiruthika, T. Ramakrishnan	Automatic Detection of Microaneurysm using Local Rotating Cross Sectional Profile Analysis	International Journal of control theory and applications	pp. 1-7	2015	
19	I. Jackson Daniel Dr.A.Abudhahir A. Prabhu, S. Siva Suriyanarayanan	Defect detection in Ferro magnetic material using Magnetic Flux Leakage Image Processing	International Journal of Applied Engineering Research	Volume 10, Number 19 pp: 14951-14956 ISSN 0973-4562	2015	
20	Jackson Daniel Dr.A.Abudhahir J.Janet Paulin	Krawtchouk Moment based characterization of defects in Magnetic flux leakage (MFL) images	International Journal of Applied Engineering Research	Volume 10, Number 20 (2015) pp: 15593-15597 ISSN 0973-4562	2015	
21	K.Shankar Dr.A.Abudhahir	Design and Testing of Peltier based Pain Stimulator	Adv. in Nat. Appl. Sci.,		2015	
22	V. Suresh, A. Hathimary, Dr. A. abudhahir, N. Chermakani	Theoretical Analysis of Magnetic Flux Leakage Signal from Arbitrary Oriented Rectangular Defect in Ferromagnetic Pipe	International Journal of Applied Engineering Research	Volume 10, Number 19 pp 14957-14962	2015	
23	V.Suresh Dr. A. Abudhahir M.Vivekanandan N.Chermakani	Development of Imaging System for Defect Detection on Steam Generator Tubes	International Journal of Applied Engineering Research	Volume 10, Number 19 pp 15031-15035	2015	
24	S.Manikandan K.Muthukutti T.N.Amarajothi	Liver tumor segmentation using single level set method with shape and intensity prior	International Journal of Applied Engineering Research	Vol. 10, No. 20 pp.15717-15721. ISSN 0973-4562	2015	
25	T.Ramakrishnan K. Roobini Balu Sankaragomathi	Neighbourhood Weighted Fuzzy C-Means (NWFCM) Clustering Algorithm for Segmentation of Brain Tumors in CT Images	International Journal of Applied Engineering Research	Vol. 10 No.20 (2015) Special Issues pp.15327-15330.	May 2015	

26	T. Ramakrishnan B. Sankaragomathi K. Chitra	Automatic Segmentation of Brain Tumor in CT Images using LIPC	International Journal of Applied Engineering Research (IJAER)	Vol. 10 No.20 (2015) Special Issues pp.15478-15483.	May 2015	
27	T. Ramakrishnan D. Santhi R. Kiruthika,	Automatic Detection of Microaneurysm using Local Rotating Cross Sectional Profile Analysis	International Journal of Control Theory and Applications	8(4), 2015, pp. 589 - 597	Sep' 2015	
28	M.Carmel sobia Dr.A.Abudhahir A.Geetha Solomon Easudasan	Facial Expression Recognition using DLBP and GLCM to control a wheelchair	International journal of applied engineering research	vol.10 no.19	2015	
29	M.Carmel Sobia Dr.A.Abudhahir A.Vidhya A.Geetha	Appraising the profundity of facial action recognition for time sequential facial expression image analysis	International journal of applied engineering research	vol.10 no.20	2015	
30	A.Geetha P. R. Jeyakrishnan	Studies on NDT Curve establishment of AA 5052 Honey Comb Sandwich Panel using Fokker Bond Tester	International Journal of Applied Engineering Research	Vol.10, no. 15	2015	
31	A.Geetha M.Carmel sobia Dr.A.Abudhahir Solomon Easudasan	Facial Expression Recognition using DLBP and GICM to control a wheelchair	International journal of applied engineering research	vol.10 no.19	2015	
32	A.Geetha M.Carmel Sobia Dr.A.Abudhahir A.Vidhya	Appraising the profundity of facial action recognition for time sequential facial expression image analysis	International journal of applied engineering research	vol.10 no.20	2015	
33	Mrs. J. Babitha Thangamalar, Ms. S. Muthu Meera, Dr. A. Abudhahir	Implementation of Transducer Linearization Using Tanner EDA Tool	International Journal of Applied Engineering Research, Research India Publications	ISSN 0973-4562 Volume 10 Number 19(2015), PP. 14947-14950	2015	

34	S. Siva Suriyanarayanan I. Jackson Daniel, A. Prabhu, Dr. A. Abudhahir,	Defect detection in Ferro magnetic material using Magnetic Flux Leakage Image Processing	International Journal of Applied Engineering Research	Volume 10, Number 19 pp: 14951- 14956 ISSN 0973-4562	2015	
35	N. Chermakani , V. Suresh, A. Hathimary, Dr. A. Abudhahir	Theoretical Analysis of Magnetic flux leakage signal from Arbitrary oriented Rectangular defect in ferromagnetic Pipe	International Journal of Applied Engineering Research	Volume 10 & 14957-14962	Dec 2015	
36	N Chermakani Dr. A. Abudhahir M.Vivekanandan	Development of Imaging system for Defect detection in steam Generator tubes	International Journal of Applied Engineering Research	Volume 10 & 15031-15035	Dec 2015	
37	K.Muthukutti Dr.S.Manikandan T.N.Amarajothi	Liver tumor segmentation using single level set method with shape and intensity prior	International Journal of Applied Engineering Research	Vol. 10, No. 20 pp.15717- 15721. ISSN 0973- 4562	2015	
International/National Journals - 2013-2014						
1	Dr.A.Abudhahir V.Suresh V.K.Goperundeivi R.Antonymsamy K.Muthukkutti	Simple Algorithm for the Magnetic Field Computation in Bobbin Coil Arrangement	International Journal of Innovative Research in Computer and communication engineering	Vol. 02 2320-9801	March 2014	-
2	A Abudhahir AHR Begum, D Manimegalai,	Optimum coefficients of discrete orthogonal TCHEBICHEF moment Transform to improve the performance of image compression	Malaysian Journal of Computer Science	Vol.26(1), No.1, pp.60-75	2013	0.167
3	B. Sankara gomathi J.Umadevi, B. Sasi Kumar	An effective Color face recognition based on best color feature selection algorithm using weighted features Fusion System	International Journal of Computers and Technology	Vol.8, No.2, pp.787 - 795	2013	-

4	B .Sankaragomathi M.Antony Freeda Rani	Strategic Comparison Of PMDC Drive Performance Based On Conventional And Genetic Algorithm Based Tuning Of PID	International Journal of Engineering Research & Technology	Vol. 2 Issue 7, pp.310 - 322	2013	-
5	B .Sankaragomathi K.R.Kanagavalli	A Bluetooth Mobile Ad Hoc Network Communication Topologies	Journal of Global Research in Computer Science	Volume 5, No. 1, pp.12-15	2014	-
6	D.Santhi D. Manimegalai S. Karkuzhali	Diagnosis of Diabetic Retinopathy by Exudates detection using Clustering Techniques	Biomedical Engineering-applications, Basics and Communications	Vol. 26, No. 6 DOI: 10.4015/S101623721450077X	2014	-
7	V.Suresh V.K.Gopperundevi Dr.A.Abudhahir R.Antonsamy K.Muthukkutti	Simple Algorithm for the Magnetic Field Computation in Bobbin Coil Arrangement	International Journal of Innovative Research in Computer and communication engineering	Vol. 02 2320-9801	March 2014	Internati onal
8	Mr.S.Manikandan K.Ramar M.Willjuice Irudhayarajan K.G.Srinivasagan	Multilevel thresholding for segmentation of medial brain images using real coded genetic algorithm	Measurement	558 -568 and 47, 10.1016	2014	1.13

International/National Conferences

S. No.	Name of the Author	Title of the Paper	Title of the Conference	Organizer	Date/ Month & Year	National/ International
International/National Conferences - 2017-2018						
1	Senthil Kumar R&D Engineer Amrita University Cochin B.Sankaragomathi	Continuous Set of Image Processing Methodology for Efficient Image Retrieval Using BOW SHIFT and SURF Features for Emerging Image Processing Applications	IEEE International Conference on Technological Advancements in Power and Energy	Amrita University Kollam	December 21-23, 2017	International
2	Gopi Prakash B.Sankaragomathi	Malignant Gas Perusalar (in Sewer)	National Conference on Innovations in Engineering and Management	Info Institute of Engineering, Coimbatore	17th March 2018	National
3	Leema Rose B.Sankaragomathi	Design and Implementation of Adaptive Tuning For Digitally Controlled Cuk Converters	International Conference on Recent Advances in Engineering and Technology	Arunachala College of Engineering for Women, Manavilai, Vellichanthai	22nd March 2018	International
4	Maharaja.M, Mano GnanaDevadoss.J, J.BabithaThangamalar	IOT Based Digital Display System	International conference on recent advances in Engineering and Technology	Arunachala college of Engineering for women	22-03-2018 to 23-03-2018	International
5	V.Esakkirani, M.Narmatha, K.Swetha, Dr.D.Santhi, A.Geetha	Localization of Optic Disc using Circular Hough Transform	International conference on recent advances in Engineering and Technology	Arunachala college of Engineering for women	22-03-2018 to 23-03-2018	International
6	Dr.D.Santhi S.Dhanuja Shree, A.Selvarathi, D.Shanthi	Smart Pill Dispenser	International conference on recent advances in Engineering and Technology	Arunachala college of Engineering for women	22-03-2018 to 23-03-2018	International
7	V. Maragatham, A.BiancaCeles, M. SelvaBhuvaneshwari, V. Soundravalli	IoT Based Water Quality Monitoring	International conference on recent advances in Engineering and Technology	Arunachala college of Engineering for women	22-03-2018 to 23-03-2018	International
8	M. Carmel Sobia R.Aruna A.Divya	Image Analysis For Face Detection And	International conference on recent advances in	Arunachala college of	22-03-2018	International

	Lakshmi, K.Priya MohanaValli	Recognition Using Raspberry Pi	Engineering and Technology	Engineering for women	23-03-2018	
9	J. Rajeshwari, J. Sakila Devi, G. SelvaBharathi, S. Sharmila	Programmed Digital Dais Name Board	International conference on recent advances in Engineering and Technology	Arunachala college of Engineering for women	22-03-2018 to 23-03- 2018	International
10	T.Ramakrishnan, K.Anu Lakshmi, V.Asmitha Mari, S.Sathiya Bama	An IoT-based Respiration Rate Measurement using Breath Rate Sensor	International conference on recent advances in Engineering and Technology	Arunachala college of Engineering for women	22-03-2018 to 23-03- 2018	International
11	Kanagavalli B.Sankaragomathi	Self-optimized bridge scheduling for Bluetooth scatter net	International Conference on Applied Soft Computing Techniques	Kalasalingam Academy of Research and Education	23rd and 24th March 2018	International
12	V.Suresh Marimuthu Chokalingam Selva	GSM based smart energy meter	International conference on Recent Trends in Multi- disciplinary research 2018	V.O.C college	19th to 20th April 2018	International
13	Ganesha Moorthy.A.M Avinash Shunmuga Priyan.R Atchutha Raman.S S.Siva Suriya Narayanan	Analysis of PID controller tuning for level process	International conference on applied soft computing techniques 20 18	Kalasalingam University	23rd & 24th March, 2018	International
14	Arun R. Pathiran and Prakash J	A Comparative Study on the Well-Known Feedback Controller Design Methods	Proceedings of the 9th International Conference on Trends in Industrial Measurements and Automation -	TIMA-2017, Chennai, India	2018	International

International/National Conferences - 2016-2017

1	Dr.B.Sankaragomathi	Design, Modelling and analysis of Buck,Boost,Buck Boost and Cuk Converters for solar Energy Applications	International Conference on Innovative Trends in Mechanical and Civil Engg.	PET Engineering College	10.06.2016	International
2	Dr.B.Sankaragomathi	Design, modeling, analysis and simulation of a SEPIC Converter	International Conference on Emerging Technologies in Computing Control, Communication and Construction Technologies	Arunachala College of Engineering for women	12.04.2016 & 13.04.2016	International
3	Dr.D.Santhi	Detection and Segmentation of	Emerging Trends in Engineering & Technology	Arunachala College of	09.12.2016 &	International

	A.Geetha G.Suganya	Optic DISC from Retinal Images for Glaucoma Diagnosis	(ICETET) 2016	Engineering for Woman, Vellore	10.12.2016	
4	Jackson Daniel K.Shankar Soundarapandi	Defection and Classification of Defects in Steam Generator Tube using Magnetic Flux Leakage Imaging	Emerging Trends in Engineering & Technology (ICETET) 2016	Arunachala College of Engineering for Woman, Vellore	09.12.2016 & 10.12.2016	International
5	V.Suresh M.Carmel Sobia M.Baarkavi	Analytical Model to Detect the Orientation of the Rectangular Defect using Magnetic Flux Leakage Technique	Emerging Trends in Engineering & Technology (ICETET) 2016	Arunachala College of Engineering for Woman, Vellore	09.12.2016 & 10.12.2016	International
International/National Conferences - 2015-2016						
1	B.Sankaragomathi J Leema Rose	Design, modeling, analysis and simulation of a SEPIC Converter	International Conference on Emerging Technologies in Computing Control, Communication and Construction Technologies	Arunachala College of Engineering for women	12 th & 13 th April 2016	International
2	K Shankar S.Nirai selvi M.Carmel sobia	Development of face recognition using the features of Lip	ICIIECS'16	Karpagam College of Engineering	17 th & 18 th March 2016	International
3	V Suresh S.N.Poornima J.Babitha Thangamalar	Imaging of Steam Generator Tube using Magnetic Flux Leakage Technique	2016 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS)	Karpagam college of Engineering Coimbatore	17 th & 18 th march 2016	International
4	M Carmel Sobia K Shankar S.Nirai selvi	Development of face recognition using the features of Lip	ICIIECS'16	Karpagam College of Engineering	17 th & 18 th March 2016	International
5	J Babitha Thangamalar V Suresh S.N.Poornima	Imaging of steam generator tube using magnetic flux leakage technique	International Conference on innovation in information, embedded and communication systems(ICIIECS 2016)	Karpagam College of Engineering, Coimbatore.	17 th & 18 th March 2016	International
International/National Conferences - 2014-2015						
1	Dr.A.Abudhahir A.Geetha M.Carmel sobia	Distinguishing different facial expressions using non-parametric 1DLBP method	RETINA'15	National Engineering College	26 th & 27 th Feb 2015	National

	Solomon Easudasan					
2	Dr.D.Santhi S. Karkuzhali Dr.D.Maimegalai	Effective Segmentation of Optic Disc in retinal images for diagnosing eye diseases that leads to blindness	IEEE sponsored International conference on innovations in information Embedded and communication systems	Karpagam College of Engineering	19 th & 20 th March 2015	International
3	Dr.D.Santhi V.Soundaravalli	Discrimination of cervical cells for scrutiny of cervical cell	National conference on Recent trends in Instrumentation application (RETINA'15)	National Engineering college	26 th & 27 th February 2015	National
4	Dr.D.Santhi J.Sobana V.Soundaravalli	Automatic Nucleus cytoplasm segmentation and classification of pap smear images	National conference on Recent trends in Instrumentation application (RETINA'15)	National Engineering college	26 th & 27 th February 2015	National
5	Dr.D.Santhi V.Soundaravalli J.Sobana	Segmentation and classification of cervical cells	National Conference on Frontiers in Applied Science and Computer Technology(FACT'15)	National Institute of Technology	6 th & 7 th , March 2015	National
6	M Carmel Sobia N.Jayasree	Hardware in the loop simulation of dynamic stability control using vehicle simulator	Electrical Electronics and computer engineering	vivekanandha college of engineering Coimbatore	11 th to 12 March 2015	International
7	M Carmel Sobia Dr.A.Abudhahir A.Geetha Solomon Easudasan	Distinguishing different facial expressions using non-parametric 1DLBP method	Retina'15	National Engineering College	26 th & 27 th Feb 2015	National
8	A Geetha Dr.A.Abudhahir M.Carmel sobia Solomon Easudasan	Distinguishing different facial expressions using non-parametric 1DLBP method	Retina'15	National Engineering College	26 th & 27 th Feb 2015	National
International/National Conferences - 2013-2014						
1	Dr.A.Abudhahir R.Anitha S.Renuga	Multi Sensor Data Fusion Algorithms for Target Tracking using Multiple Measurements	IEEE International Conference on computational Intelligence and Computing Research	Vickram College of Engineering, Madurai.	26 th to 28 th Dec 2013	International
2	Dr.A.Abudhahir Kanagalakshmi A.H.Ragamathunisha begum	Tcebichef Moment Based Image Quality Measure	IEEE International Conference on Electronics and Communication Systems	Karpagam College of Engineering, Coimbatore.	13 th to 14 th Feb 2014	International

3	R. Saranya Jackson Daniel A. Abudhahir N. Chermakani	Comparison of Segmentation Techniques for Detection of Defects in Non-Destructive Testing Images	IEEE International Conference on Electronics and Communication Systems	Karpagam College of Engineering, Coimbatore.	13 th to 14 th Feb 2014	International
5	S. Kausalya Devi K. Shankar A. Abudhahir	Acquisition of Radial Artery Pulses (NADI)	IEEE International Conference on Electronics and Communication Systems	Karpagam College of Engineering, Coimbatore	13 th to 14 th Feb 2014	International
6	Mr.V.Suresh K.Gopinath A.Abudhahir	3D Modeling of MFL Inspection System to Detect the Defects on the Outer surface of small base tube	International Conference on Innovations in Information, Embedded and Communication Systems	Karpagam College of Engineering, Coimbatore	13 th to 14 th Feb 2014	International
7	M.Carmel Sobia, A.Abudhahir	Facial expression recognition using PCA based interface for wheelchair	IEEE International Conference on Electronics and Communication Systems	Karpagam College of Engineering, Coimbatore	13 th to 14 th Feb 2014	International
9	B.Sankaragomathi	A Novel Approach for the Classification of Brain Computed Tomography Images	International conference on Intelligent and Efficient Control Systems	Coimbatore	12-14 th December 2013	International
10	Dr.D.Santhi S.Parvathi	Detection of Drusen in Retinal Images for the Diagnosis of Diabetic Retinopathy	International Conference on Explorations & Innovations in Advanced Computing	National Engineering College	8 th to 10 th Jan 2014	International
12	Dr.D.Santhi J.Kalaivani	Segmentation of red lesions in Diabetic Retinopathy	International Conference on Explorations & Innovations in Advanced Computing	National Engineering College	8 th to 10 th Jan 2014	International
13	Dr.D.Santhi S.Parvathi	Segmentation of Bright Lesions In Diabetic Retinopathy Retinal Images	International Conference on Innovations in Information, Embedded and Communication Systems	Karpagam College of Engineering	13 th to 14 th March 2014	International
14	Jackson Daniel R.Mohana Gayathri A.Abudhahir	Characterization of defects in Magnetic Flux Leakage (MFL) images using wavelet transform and neural network	International Conference on Electronics and Communication Systems (ICECS)	Karpagam University, Coimbatore	13 th &14 th Feb 2014	International
15	Jackson Daniel A.Abudhahir R.Saranya N.Chermakani	Comparison of segmentation techniques for detection of defects in non-destructive testing images	International Conference on Electronics and Communication Systems (ICECS)	Karpagam University, Coimbatore	13 th &14 th Feb 2014	International

17	K Shankar J JerryBurke M Thangaraj	Simulation of Thermal Pain Stimulator using COMSOL Multiphysics	Innovations in Information, Embedded and Communication Systems	Karpagam College of Engineering, Coimbatore	13 th & 14 th Feb 2014	International
18	A.Abudhahir Mr.V.Suresh K.Gopinath	3D Modeling of MFL Inspection System to Detect the Defects on the outer surface of Small bore Tube	International Conference on Innovations in Information Embedded and Communication Systems- (ICIIECS'14)	Karpagam college of Engineering, Coimbatore,	13 th & 14 th March 2014	International
19	S.Manikandan Mr.S.Siva Suriya Narayanan G.Perinkumar	Design of Controller for Level process in Conical Tank	IEEE (ICCSET) 2013	115-119	2014	-
20	S.Manikandan A.Sheeba	Image Segmentation Using Bi-level Thresholding	ICECS-2014	10.1109/ECS.2014.6892783	Feb2014	-
21	T.Ramakrishnan B.Shunmugapriya	Segmentation of Brain Tumors in Computed Tomography Images using SVM Classifier	2014 International Conference on Electronics and Communication System (ICECS -2014)		2014	International
22	M.Carmel Sobia, A.Abudhahir	Facial Expression Recognition using PCA Based interface for wheelchair	ICECS'14	Karbagam college of Engineering, Coimbatore	13 th & 14 th February 2014	International
23	A Geetha R.V.Rajeswari	Comparison of Buck-Boost and Cuk converter control using Fuzzy Logic Controller	IEEE international Conference on Innovations in Engineering and Technology	K.L.N college of Engineering, Pottapalayam	21 st & 22 nd March 2014	International
24	J Babitha Thangamalar S.Arulkumar	PSOC implementation of nonlinear function for linearizing RTD & thermocouple	2 nd national conference on emerging trends in vlsi, embedded systems & signal processing	Model Engineering College, Cochin, Kerala.	Jan 23 rd -25 th , 2014	National
25	S.Siva Suriya Narayanan Mr.S.Manikandan	Design of Controller for Level process in Conical Tank	IEEE (ICCSET) 2013	115-119	2014	International