



SRM VALLIAMMAI ENGINEERING COLLEGE
(An Autonomous Institution)
SRM Nagar, Kattankulathur-603203
Department of Electronics and Instrumentation Engineering



STAFF PUBLICATION DETAILS (Last 5 Years)

List of Publication 2021-2022

Sl. No.	Name of the Author	Title of Publication	Details of International Journal	Volume (Issue No)	Page No	Month Year/ SCI/ SCOPUS/ DOI/ ISSN/ IF
1.	R. Prakash and Dr. K. Ayyar	An enhanced whale optimized fractional order pi^λ controller-based power quality improvement for sensor less brushless dc motor under dynamic operating conditions	Journal of Intelligent & Fuzzy Systems	Vol.42	pp. 2647-2666	March 2022 SCI Indexed
2.	Dr. R. Umamaheswari	Analysis of high gain dual loop antenna for Wi-Fi connectivity	International Journal of Mechanical Engineering	Vol. 7, No. 2	Pp:3054-3058	Feb 2022 Scopus Indexed
3.	Dr. R. Umamaheswari	Cluster method for sensor networks using hybrid cluster algorithm	Natural Volatiles and Essential Oils	Vol. 8, Issue 6	Pp: 819-828	Jan 2022 Scopus Indexed
4.	Dr. R. Umamaheswari, Tribhuvan Kumar, Digvijay Pandey	Development of an Agent-Based Interactive Tutoring System for Online Teaching in School Using Classter	Machine Learning and IoT for Intelligent systems and smart applications	Chapter 11	Pp:181-200	Nov 2021 Taylor & Francis
5.	Dr. R. Umamaheswari, Ranjana Ray, Moumita Pal, and Ishita Banerjee	Machine Learning-Based Microstrip Antenna Design in Wireless Communications	Machine Learning and IoT for Intelligent systems and smart applications	Chapter 2	Pp:23-34	Nov 2021 Taylor & Francis

Sl. No	Name of the Author	Title of Publication	Details of Conference	Month and Year
1.	Umamaheswari. R, G.Shiva	Digital simulation using sensor technology for industrial applications	International Conference on the emerging technologies in computing, Brainware University, Kolkata	Feb 2022



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List of Publication 2020-2021

Sl. No.	Name of the Author	Title of Publication	Details of International Journal	Volume (Issue No)	Page No	Month Year/ SCI/ SCOPUS/ DOI/ ISSN/ IF
1.	S Padhmanabhaiyappan, R Karthi, K. Ayyar	Robust optimal utilization with a grid-connected microgrid using EFO-GBDT based controller technique with integrated converters	Int J Numer Model El	-	-	John Wiley & Sons, Ltd
2.	Mr.M.Arunraj, Dr.AndySrinivasan and Mr. S.P.Arjunan	A Real-Time Capable Linear Time Classifier Scheme for Anticipated Hand Movements Recognition from Amputee Subjects Using Surface EMG Signals	Elsevier https://doi.org/10.1016/j.irbm.2020.08.003	-	-	13 August 2020.
3.	Dr.AndySrinivasan and Mr. N.Sowrirajan	Neural Networks Based Control of Nonlinear Process	i-manager's Journal on Instrumentation and Control Engineering (JIC)	Volume No.7, Issue No.4	-	August - October 2020.
4.	Ms. K.S.Jaibhavani, K.Saranya and Dr.S.Visalakshi	Energy Harvester methodologies	Journal of Interdisciplinary Cycle Research	ISSN NO: 0022-1945, Volume 13, Issue 4	Page No: 1401	April 2021
5.	Mr.P.Tamilmani, M. Mukesh, J. Nirmalkumar, S. Sajin Babu and T.Shanmuganathan	Skin Disease Detection using Telegram Application	A Journal of Composition Theory	Volume 14, Issue 4	-	April 2021.
6.	Dr.R.Umamaheswari, M. Monisha, A.Nandhini and P. Susi Vidya	Avatar based mixed reality system for deaf people	A Journal of Composition Theory	Volume 14, Issue 4	-	April 2021.
7.	Ms.V.Mangaiyarkarasi, Divyaprabha.R, Madhumathi.R and Manju.T.V	A Smart Vehicle System for accident Prevention using Machine Learning	A Journal of Composition Theory	Volume 14, Issue 3	-	March 2021.



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8.	Ms.K.S.Jaibhavani, V. Ramakrishnan, A. C. Moorthy, E. Sakthivel and I. Ragulsaran	Design and experimental verification of multi armed cantilevered beam type piezoelectric energy harvester	A Journal of Composition Theory	Volume 14, Issue 4	-	April 2021
9.	Mr.B.Parameswaran, Bharadwaj S.B, Denald Maria Koilraj W and Jawahal T	Crowd Detection for Social Distancing and Safety Violation Alert based on Image Processing	A Journal of Composition Theory	Volume 14, Issue 4	-	April 2021
10.	Ms.M.Shanthi, Abinaya S, Anish Hentry B, Dharshini S and Magesh S	Library Management and Book Reader for Blind People using Raspberry Pi	A Journal of Composition Theory	Volume 14, Issue 4	--	April 2021
11.	Mr. N.Sowrirajan, Arulanandan R, Arun Kanna K, Kaviyarasan N and Kishore Raj Kumar B	IoT Based Smart Garbage Monitoring of Gas and Fire with Alert System	A Journal of Composition Theory	Volume 14, Issue 4	--	April 2021
12.	Ms.K.Rathna Priya, Daphne JositaDivya J, Deepika S.V and Manjubargavi S	Design and Prototyping Of A Low-Cost Portable Mechanical Ventilator With Sustained Battery Reinforcement	A Journal of Composition Theory	Volume 14, Issue 4	--	April 2021
13.	Mr. K.R.Ganesh, Abinayasri S, Janani Priya K and Narmadha D	Flood Risk Assessment, Management and Virtual Reality Based Rescue System	A Journal of Composition Theory	Volume 14, Issue 4	-	April 2021
14.	Mr.C.Praveen Kumar, Kishore N, Logesh E and Manimaran R	Safety System for Manhole and Sewage Worker Using IoT	A Journal of Composition Theory	Volume 14, Issue 3	-	March 2021
15.	Ms.V.Mangaiyarkarasi, Sowmiya T, B. Mohan Rakesh and Vignesh S	Virtual Fog removal for road way vehicles	A Journal of Composition Theory	Volume 14, Issue 4	--	April 2021
16.	Ms.M.Shanthi, R. Abdul Samad, P. Avinash Pandian and G. Karthick	Aquaponics System Monitoring and Controlling Using IoT	International Journal of Advance Research and Innovative Ideas in Education	Volume 7, Issue 2	-	April 2021
17.	Mr.P.Tamilmani, R. Ashraf Hussain, M. Aswin Kumar and B. Manoj Kumar	Face Recognition based Vehicle Starter using IoT	International Journal of Advance Research and Innovative Ideas in Education	Volume 7, Issue: 2	-	April 2021
18.	Dr.K.Ayyar, Yuvaraj S, Prasath S, Sanjith A and Vignesh N	IoT based Biometric voting system	International Journal of Advance Research and Innovative Ideas in Education	Volume 7, Issue: 2	-	April 2021
19.	Mr. K.R.Ganesh, Keerthana C, Keerthi D, Kirthana P.P and Kirthika K.S	Network Based Sensor Data Collection Approach for Industrial Process Monitoring using IoT	International Journal of Advance Research and Innovative Ideas in Education	Volume 7, Issue: 2	-	April 2021



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20.	Dr.S.Visalakshi, B. Vimal Rajan, P. Sriram, S. NaveenKumar and G. Sanjay Balaji	Energy harvesting from Rail track for transportation safety	Journal of Interdisciplinary Cycle Research	Volume 13, Issue 4	--	April 2021
21.	Ms.M.Ramjan Begum, Thivakar M, Mithra R K, Muthazhagi K and Mukesh Kanna R	IoT based Smart incubator	Journal of Interdisciplinary Cycle Research	Volume 13, Issue 4	-	April 2021
22.	Mr.G.Shiva , Mirthish Raj R, Pradeep K and Vinayagamoorthi P	Smart fencing with fire Alarm	Journal of Interdisciplinary Cycle Research	Volume 13, Issue 4	-	April 2021
23.	Ms.M.Ramya Princess, S.Ajit, D.Aravindhnan and E.Gokul	Contactless Automated Teller Machine	International Journal of Scientific Research and Engineering Development	Volume4, Issue 2	-	March- April 2021.
24.	Mr.R.Issan Raj, Harine R, Ishwarya A.A and Kaviya S	DITTO – The Advanced Lead through Robot	Science,Technology and Development Journal	Volume 10,Issue 4	-	April 2021
25.	Dr.K.Ayyar , Priyadarshini R, Sinandhashri R, Uvalashmi S and Varsha P	Intruder Alert System using Machine Learning	International Journal of Creative Research Thoughts (IJCRT)	Volume 9, Issue 4	-	April 2021
26.	Dr.R.Umamaheswari , Sriram Kumar K, Sai Kowtham K R, Venkataraman S and Muthupriya N	Multitasking Robot and Web Application for Smart farming	Gorteria Journal	Volume 34, Issue 4	-	April2021.
27.	K. Rathna Priya	Adaptive router architecture for Network on chip using FPGA	A Journal of Composition Theory	Volume XIV, Issue III March 2021	Pg .no: 23-34	UGC approved journal
28.	M. Ramjan begum, V. Mangaiyarkarasi	Control of Single Phase Transformer-less Rectifier	A Journal Of Composition Theory	Volume XIV, Issue III March 2021	Pg. no : 14-22.	UGC approved journal
29.	Dr. R. Umamaheswari, Ms. M. Ramya Princess	Fuzzy approaches for mobile robotics in dynamic environment	International Journal of Scientific Research in Engineering and Management	Volume 05 Issue 02, February 2021	Pg:1-10	ISSN: 2582-3930
30.	Umamaheswari. R, Chitra.S, Kavitha.D	Reliability analysis and dynamic maintenance model based on fuzzy degradation approach	Soft computing	25, (2021)	Pages 3577–3592	ISSN: 1433-7479SCI indexed



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Conference Paper 2020-21

Sl. No.	Name of the Author	Title of Publication	Details of International Journal	Month Year/ SCI/ SCOPUS/ DOI/ ISSN/ IF
1.	Ms. K.S.Jaibhavani, K.Saranya and Dr.S.Visalakshi	Review of Vibration Based Energy Harvesting Techniques For Low Power Devices	Second International conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering	10 th April 2021
2.	Mr. Sowrirajan Nanthagopal and Dr. Andy srinivasan	Model Predictive Control of a Serial Link Robot Manipulator	Second International conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering	10 th April 2021
3.	R.Prakash and Dr.K.Ayyar	Performance Analysis of Speed Control of Sensorless Brushless DC Motor using Fractional order PI controller	Second International conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering	10 th April 2021
4.	Umamaheswari.R, K. Sriram Kumar	Novel approaches in the design of finite state machine using EDA tools	International Conference on Automation Science and Engineering	Feb 2021



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List of publications in conference 2019-2020

Sl. No	Name of the Author	Title of Publication	Details of Conference	Month and Year
1.	Andy Srinivasan, Sowrirajan N.	Neural Networks Based Control of Nonlinear Process	International Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering, SRM Valliammai Engineering College	September 6, 2019
2.	Arunraj M, Andy Srinivasan ‘,	Log and Yeo-Johnson transformation for subject-independent human activity recognition using IMU signals	International Conference on Instrumentation, MEMS and Biosensing Technology (ICIMBT), SRM Institute of science and technology, Kattankulathur.	Feb 13-15 2020
3.	Prakash R. Dr.Ayyar K.	Performance analysis of Speed Control of Sensor less BLDC Motor using Fractional-Order PID Controller	International Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering, SRM Valliammai Engineering College	September 6, 2019
4.	Mahendra Peruman P, Dr.Ayyar k	A Review of Power Quality Monitoring System based on Fast-Convergent Modulation Integral Observer in Power Electronics Systems	International Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering, SRM Valliammai Engineering College	September 6, 2019
5.	Krithiga R, Prasanna S.C.	Survey on Navigation Assistance Devices for the Visually challenged	International Conference on modelling simulation and intelligent computing, Dubai, UAE	Jan 29-31 2020

List of Publication-Journal 2019-2020

Sl. No.	Name of the Author	Title of Publication	Details of International Journal	Volume (Issue No)	Page No	Month Year/ SCI/ SCOPUS/ DOI/ ISSN/ IF
1.	S.Visalakshi, R.Prasanna Kumari, B.Suvedha, S. Yamine	Women’s Safety System using I beacon Technology	Advance Research and Innovative Ideas in Education	6(2)		Feb 2020
2.	Andy Srinivasan, Adithiya Vikram.V ,Ashwin.B,	Method of Analysis on Fruits Nutrients	Research & Development in Technology	13(2)		Mar 2020



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	Gokulakrishnan.S, Midhun.K					
3.	Andy Srinivasan, W.Sclviya, M.Shobana, M.Shanmuga Sundari, S.Supriya	Human Safety in Mining using Wireless Sensor Network	Advance Research and Innovative Ideas in Education	6(0)		Feb 2020
4.	Asuntha A, Sree Charan, Siddartha M, Udhaykumar K, Andy Srinivasan	Identification of Diabetics Mellitus using Iridology	Research in Pharmaceutical Sciences	10(3)	1821- 1823	Jul 2019, SCOPUS, https://doi.org/10.26452/ijrps.v10i3.1325 , ISSN: 0975-7538
5.	Asuntha A, Andy Srinivasan	Lung cancer detection using Adaptive Bilateral Filter (ABF) techniques	Research in Pharmaceutical Sciences	10(3)	1857- 1860	Jul 2019, SCOPUS, https://doi.org/10.26452/ijrps.v10i3.1383 , ISSN: 0975-7538
6.	Asuntha A, Faizy, Rahu S, Akshay Menon, Pranjal, Andy Srinivasan	A hybrid feature extraction approach for the detection of melanoma using neural network	Research in Pharmaceutical Sciences	10(3)	1836- 1840	Jul 2019, SCOPUS, https://doi.org/10.26452/ijrps.v10i3.1380 , ISSN: 0975-7538
7.	Asuntha A, Andy Srinivasan	Deep Learning for Lung Cancer Detection and Classification	Multimedia Tools and Applications	78(330)		Jan 2020, SCI, https://doi.org/10.1007/s11042-019-08394-3 , IF: 2.1
8.	K.Ayyar, S.Praveena, H.Reshma Fathima, S.Thanuja, B.Vinodhini	Gamifying the Water Conservation	Advance Research and Innovative Ideas in Education	6(2)		Feb 2020
9.	K.Ayyar, J.Jerbin, S.Manoj Anand, G.Kishore, M.Luqmaan	Autonomous Navigation System for Pilotless Maneuvering of Vessels through Restricted Waters	Advance Research and Innovative Ideas in Education	6(2)		Feb 2020
10.	S.C.Prasanna, Arshiya Tabasum.G, Krithiga.R, Lakshmi.R, Lalithapriya.A,	Autonomous Electronic Guiding Stick using IOT for the Blind	Advance Research and Innovative Ideas in Education	6(2)		Feb 2020



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11.	S.C.Prasanna J.Naveen, A.Pavithra, C. Ranjana Sree, S.Shalini	Real Time Air Quality Monitoring System Using Unmanned Aerial Vehicle	Modernization in Engineering Technology and Science	2(3)		Mar 2020
12.	P.Tamilmani, J.Kaarunyarachagan, A.Mohamed Safan, K.Mohan Varma, K.B.Narendiran	Lumen Power Production	Modernization in Engineering Technology and Science	2(3)		Mar 2020
13.	P.Tamilmani ,M.Praveen,D.Santhosh Sivan,M.Sheik Razeeq,D.Vetrivel	Design of Radiation Monitor for Nuclear Power plant	Modernization in Engineering Technology and Science	2(3)		Mar 2020
14.	K.S.Jaibhavani, V.Abimanyu, J.Chandran, P.Guru Vishnu, R.Hari Krishnan	Energy Harvesting in Piezoelectric and Vibration Techniques	Advance Research and Innovative Ideas in Education	6(1)		Feb 2020
15.	K.S.Jaibhavani, C.Christina Gunaseeli, A.Karthick, T.Kaviya, D.Kiruthigha	Waste Heat Recovery using Thermoelectric Generator from an Engine	Advance Research and Innovative Ideas in Education	6(2)		Feb 2020
16.	S.Vanila, V. Diviyapriya , R. Maria Lurd Steffy , J. Monisha	Design of Precised Anesthesia Injector	Advance Research and Innovative Ideas in Education	6(2)	486-494	Feb 2020
17.	J Manikandan , V. Mangaiyarkarasi and P. Subramanian	Performance Examination of OFDM Modulation Techniques in LTE 4G	Engineering and Advanced Technology (IJEAT)	9(2)	3401-3404	Dec 2019, ISSN: 2249-8958
18.	V.Mangaiyarkarasi, M.Raghavan, J.Nivas,	Advanced Driver Assistance System	Advance Research and Innovative Ideas in Education	6(2)	639-645	Feb 2020



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	N.Rishivaishnava, M.Sai Ganesh					
19.	M.Shanthi, V.V Santhosh Kumar, S.Seenuvasan, S.Shajith Baig, T.Vimalesh	IOT Based Poultry House Monitoring System	Engineering and Technology	7(2)	1-4	Feb 2020
20.	V. Suresh Kumar and R.Manimegalai.	Efficient test vector volume reduction based on equal run length coding technique	Microprocessors and Microsystems	68	1-10	Jul 2019, SCI
21.	V.Sureshkumar , Sruthi Lakshmi.R, Ram Pradeep.R, Sivaramam.R, Poomani.R	Design of IOT Based Smart Stretcher for Monitoring Mobile Patients	Advance Research and Innovative Ideas in Education	6(2)	247-251	Feb 2020
22.	V.P.Sandya, Sanjay.S, Saravanan.S, Satheesh.S, Yaziniyan.R	IOT based Saline Infusion Monitoring and Control System	Advance Research and Innovative Ideas in Education	6(2)	126-131	Feb 2020
23.	C.Teja Swaroop, T.Vignesh .M.Vishnu Prasad, S.A.Vishwa & Mr. R.Issan Raj	Automatic Vehicle Number Identification using Digital Image Processor (Dip)	International Journal of Advance Research and Innovative Ideas in Education	6(2)		Feb 2020
24.	K.R.Ganesh, S.Navabharathi, S.Padmadevi, R.Vishnu Priya	Digital Dermatology: Skin Disease Detection using Image Processing	International Journal of Advance Research and Innovative Ideas in Education	6(2)		Feb 2020.
25.	K.Rathna Priya, B.Petchimuthu, E.Ramjee, K.Selvaganapathy, S.Shanmugaraj	IOT based traffic signal control system for ambulance	International Journal of Advance Research and Innovative Ideas in Education	6(2)	61-64	Feb 2020



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26.	M.Ramjan begum, S.Chandra Mouli, T.Gowtham	Design and Development of Dual Axis Control Robot for Writing through Speech Recognition	International Research Journal of Modernization in Engineering Technology and Science	2(3)	78-84	Mar 2020
27.	N.Sowrirajan, M.Abizeka, S.Divya, M.Gokulalakshmi, T.Kadalselvam	Smart Voting System through Face Recognition	International Journal of Advance Research and Innovative Ideas in Education	6(2)		Feb 2020
28.	G.Shiva, Sree Dharshana J, Srinath Y, Surya Kumar K, Yuvashri S	IOT Based Low Cost Vehicle Monitoring and Alert System	International Research Journal of Engineering and Technology	7(3)	827-830	Mar 2020
29.	C.Praveenkumar, S.Aishwarya, A.Froila, S.Megala, K.Logappriya	Advanced Security System using Raspberry-PI	International Journal for Research & Development in Technology	13(2)	155-159	Feb 2020.
30.	TS Praveen, C Pravin kumar,S.K Sabare Hare,S.K Sangaiya Gurunathan B.Parameswaran	Advanced flood level monitoring and alerting system	International Research Journal of Engineering and Technology	7(2)	2725-2727	Feb 2020.
31.	Dr. R. Umamaheswari, Ms. M. Ramya Princess and Dr. P. Nirmal Kumar	Improved whale optimized MLP Neural Network based learning mechanism for Multi-user detection in MIMO communication systems	Journal of Circuits, systems and computers	Vol.29, Issue 15, March 2020.	Pg :1-20	ISSN (print): 0218-1266 ISSN (online): 1793-6454 SCI indexed
32.	M.Ramya Princess, Nivetha.A, Pavithra.P, Ramesh Aravind.V, Rishigha.J.	Human less farming	International Journal of Advance Research and Innovative Ideas in Education	6(2)	111-114	Feb 2020



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List of Publications 2018 – 2019:

Sl. No.	Name of the faculty	Title	Details of Publication	Volume (Issue)	Page No.	Year/ Scopus/ SCI
1.	G.Srinivasan and S.Visalakshi	Power loss minimization in radial distribution network Considering different load levels via a AGPSO Part – I: using high penetrated DGs and reconfiguration	Journal of Electrical Engineering	17	298-309	Dec, 2017/ Scopus
2.	R.Manimegalai and S.Visalakshi	Hybrid FPABC algorithm for optimal installation of DERs and Capacitors for the Electric power distribution network	Perspectivas em Ciencia da Informacao	22(4)	289-303	Nov./ Dec. 2017/ SCI/ Scopus
3.	R.Manimegalai and S.Visalakshi	Intelligent Bidding Strategy for Wind Integrated Decentralized Electric Power Market	Journal of Interciencia	42 (11)	121-135	Dec 2017/ SCI
4.	G. Srinivasan and Visalakshi.S	Maximum Power Loss Reduction via DGs Simultaneously with Network Reconfiguration and Capacitors in RDN	Jour of Adv Research in Dynamical & Control Systems	10(5)	295-301	April 2018/ Scopus
5.	Balakrishna.T, Abhijeet S.R.T, Jayasurya.R and Visalakshi.S	Maritime Border Alert System and Shutdown of Outboard Motors	International Journal of Engineering Science and Computing	8(4)	16716-16718	April -2018
6.	Lakshmikhandan K, Andy srinivasan, Mohd.Ali Jagabar Sathk	‘Single DC Source-based Multilevel Converter Topology with Reduced Power Switches and Conduction Losses,	Journal of Electrical Engineering,	17	298-309	Dec, 2017/ Scopus
7.	Asuntha. A , Ch.Sowrya , S.Swetha , L.Kuhitha and Andy Srinivasan	Non-Linear Control Design of Ball and Beam System	Research Journal of Pharmaceutical, Biological and Chemical Sciences	8(3)	618 - 623	2017 June
8.	Arunraj M, Andy Srinivasan and Vimala Juliet A	Online Action Recognition from RGB-D cameras based on Reduced Basis Decomposition	Journal of Real-time Image Processing	14(54)	1-16	May 2018/ SCI/ Scopus
9.	M Pooja Lakshmi, J M Sivadharani, B Swetha Lakshmi and Andy Srinivasan	A Harmonized Traffic control system in Smart cities	International Journal of Modern Trends in Engineering and Science	5(3)	73-76	March 2018



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10.	K Ayyar	NFC based Secure Mobile Health Care System	Int. Journal of Engineering Research and Application	8(1) V	72-74	Jan 18
11.	K Ayyar, K R Vishal, T Vignesh Yadhav, N Prem and R Nirmal Prasanth	Smart Agriculture	International Journal of Modern Trends in Engineering and Science	5(3)	83-86	Mar 2018
12.	S.C.Prasanna, Joy Vasantha Rani S. P and Selestin Soundarya A.	FPGA Realization of Optimized Digital Down Converters for WCDMA and CDMA 2000	International Journal for Innovative Research in Science & Technology	4(9)	115-124	Feb-2018
13.	V.Parimala devi, K.Sangteeha Priya, R.Vanishree and P.Tamilmani	Ambient Energy Scavenging using Avions	International Journal for Research & Development in Technology	9(3)	220-223	Mar-18
14.	Pradeep Kumar R, Rohith Kannan M, Vignesh J, Vijay J and Jaibhavani K S	Design of self-powered standard Vibration monitoring system using MEMS Accelerometer	International Journal of Modern Trends in Engineering and Science	5(3)	56-58	Mar 2018
15.	Pranav M, Prasath Kumar R, Swathiga S and Suresh Kumar V	Automated Speed control of Automotives	International Research Journal of Engineering and Technology	5(3)	1397-1399	Mar 2018
16.	R. Pavithra, P. S. Sangeetha, M. Shakthi Devi and S.Vanila	Design and Implementation of a Rescue System for the Safety of Women by using Arduino Controller	International Journal of Advance Research, Ideas and Innovations in Technology	4(2)	329-333	Mar 2018
17.	Ms.V.Mangaiyarkarsi, B.Aravindh, M.Mohamed Famin and B.Akilandeswari	Automated Medical Waste Segregation Machine using Arduino Controller	International Journal of Advanced Research Trends in Engineering and Technology	5(5)	30-36	March 2018
18.	R Deepan Raj, P M Dinesh, J Joe Rishwanth Demel, M Chandra Prakash and K Rathna Priya	Autonomous Residential Threat Neutralization System	International Journal of Modern Trends in Engineering and Science	5(4)	32-34	Mar 2018
19.	Keerthana.S, Kiruthika.P, Jenita .E, Harioriya.A and Ramjan Begum.M	Smart Shopping Cart in Super Market	International Journal of Engineering Science and Computing	8(3)	16340-16341	Mar -2018
20.	Madhumathi.B, Kavya.B, Jahnvi.R and Shiva.G	Appliances Control in Virtual Reality using Leap Motion Somatosensory (LMSS) Controlled Switches	International Journal of Engineering Science and Computing	8(3)	16504-16507	Mar -2018
21.	Gowthaman S, Karthik R, Mohan Raj M,	Regenerative braking system for Energy	International Journal of Modern	5(3)	33-37	Mar 2018



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	Muhammed Muzzammil J and Ganesh K R	Harvesting from Railways and vehicles	Trends in Engineering and Science			
22.	C.Praveen kumar S.Sanjay and R.Nijanthan	IoT Based Health Monitoring and Safety Bot	International Journal of Engineering Science and Computing	8(3)	16264-16267	Mar -2018
23.	C.Praveen kumar, S.Santhosh and V.Srirama Gokula Krishnan	Health Monitoring and safety BOT based on IoT	International Journal for Research & Development in Technology	9(3)	206-209	Mar-18
24.	G.Abarna, A.Anthony Stephen, D.Manikandan And M.Ramya Princess	Automated medical machine enabling enhanced features for telemedicine using cloud computing	International Journal of Scientific Research and Review	7(4)	103-109	Mar-18

List of Science Citation Index (SCI) Journals

Sl. No.	Name of the faculty	Title	Details of Publication	Volume (Issue)	Page No.	Year
1.	R.Manimegalai and S.Visalakshi	Hybrid FPABC algorithm for optimal installation of DERs and Capacitors for the Electric power distribution network	Perspectivas em Ciencia da Informacao	22(4)	289-303	Nov./ Dec. 2017/ SCI
2.	R.Manimegalai and S.Visalakshi	Intelligent Bidding Strategy for Wind Integrated Decentralized Electric Power Market	Journal of Interciencia	42 (11)	121-135	Dec 2017/ SCI
3.	Arunraj M, Andy Srinivasan and Vimala Juliet A	Online Action Recognition from RGB-D cameras based on Reduced Basis Decomposition	Journal of Real-time Image Processing	14(54)	1-16	May 2018



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List of Publications 17-18 -Conference:

Sl. No	Name of the faculty	Title	Details of Publication	Year
1.	R.Manimegalai S.Visalakshi and S. Leela Devi	Optimally Locating Microgrid for The Minimization of Losses	2017 Third International Conference on Science Technology Engineering & Management (ICONSTEM), IEEE, 978-1-5090- 4855-7/17	2017
2.	Daarini. K.V, Aneesa Rahman and N. Sowrirajan	IoT Based Home Automation System with Customized Fixtures and Control	National Conference on Emerging Trends in Science Engineering and Technology	16 th March 2018 at Jerusalem College of Engineering, Chennai.
3.	Mr. I. Andrew Xavier Raj	Embedded effective monitoring for non sinusoidal load	International con on information, embedded, communication systems	7 th March 2018, St joseph College of Engg, Sriperumbudur, Chennai-602117



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List of Journals with Outside interaction:

Sl. No.	Name of the faculty	Title	Details of Publication	Volume (Issue)	Page No.	Year
1.	G. Srinivasan, Dept of EEE, Tagore Engineering College, Rathinamangalam, Vandalur - Kelambakkam Road, Chennai, Tamil Nadu 600127	Maximum Power Loss Reduction via DGs Simultaneously with Network Reconfiguration and Capacitors in RDN	Jour of Adv Research in Dynamical & Control Systems	10(5)	295-301	April 2018
	Visalakshi.S, VEC					
2.	Arunraj M, Research Scholar, Department of EIE, SRM Institute of Science and Technology	Online Action Recognition from RGB-D cameras based on Reduced Basis Decomposition	Journal of Real-time Image Processing	14(54)	1-16	May 2018
	Andy Srinivasan, VEC					
	Vimala Juliet A, Professor and Head, Department of EIE,SRM Institute of Science and Technology					



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Sl. No.	Name of the faculty	Title	Details Of Publication	Volume (Issue No.)	Page No.	Year	Peer Review Journals	ISSN No./Review/IF	e-Journals	Impact factor	h-index	Scopus/SCI
1.	G.Srinivasan and S.Visalakshi	Power loss minimization in radial distribution network Considering different load levels via a AGPSO Part – I: using high penetrated DGs and reconfiguration	Journal of Electrical Engineering	17	298-309	Dec, 2017	yes	15824594	yes	0.5		Scopus
2.	R.Manimegalai and S.Visalakshi	Hybrid FPABC algorithm for optimal installation of DERs and Capacitors for the Electric power distribution network	Perspectivas em Ciencia da Informacao	22(4)	289-303	Nov./ Dec. 2017		ISSN: 1413-9936				Scopus
3.	R.Manimegalai and S.Visalakshi	Intelligent Bidding Strategy for Wind Integrated Decentralized Electric Power Market	Journal of Interciencia	42 (11)	121-135	December 2017		ISSN-0378-1844		0.28		Scopus/SCI
4.	Lakshmikhandan K, Andy srinivasan, Mohd.Ali Jagabar Sathk	‘Single DC Source-based Multilevel Converter Topology with Reduced Power Switches and Conduction Losses,	Journal of Electrical Engineering,	17	298-309	Dec, 2017				0.5		Scopus
5.	Asuntha. A , Ch.Sowrya , S.Swetha , L.Kuhitha and Andy Srinivasan	Non-Linear Control Design of Ball and Beam System	Research Journal of Pharmaceutical, Biological and Chemical Sciences	8(3)	618 - 623	2017 June						--