



M.KUMARASAMY COLLEGE OF ENGINEERING (AUTONOMOUS), KARUR
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
FACULTY JOURNAL PUBLICATION DETAILS (2019-2020)



S.NO	NAME OF THE FACULTY	NAME OF THE AUTHOR	NAME OF THE Co-AUTHORS	TITLE OF THE PAPER	NAME OF THE JOURNAL	PUBLISHER NAME	ISSN NO.	VOL. NO	ISSUE NO	PAGES No	MONTH & YEAR	Indexed By SCOPUS/SCI/ SCIE/ Web of Science	Contributed for College Index
1	Dr.C.VIVEK	C.Vivek	B.Balraj, S.Thangavel	Electrical Energy Storage Capability of Flake-Like/Spherical Structured CuO-Ag Nanocomposite Synthesized by Green Plasmonic Approach	Journal of Electronic Materials	SPRINGER	0361-5235	49	2	1075-1080	Jan 2020	SCIE	YES
2	Dr.M.DHAMODARAN	M.Dhamodaran	S.Jegadeesan, A.Murugan, B.Ramasubramanian	Modeling and Simulation of the Flyback Converter using SPICE Model	International Journal of Recent Technology and Engineering	Blue Eyes Intelligence Engineering & Sciences Publication	2277-3878	8	3	946-952	Sep 19	SCOPUS	NO (Only Self-Citations)
		M.Dhamodaran	S.Jegadeesan, A.Murugan	Design of multilayer on-chip inductor by computational electromagnetic modelling	Journal of Electrical Engineering	Slovenska Technika Univerzita	1339-309X	70	5	379-385	Nov 19	SCIE	NO (Only Self-Citations)
3	Dr.S.PALANIVEL RAJAN	S.Palanivel Rajan	Vivek C	Performance Analysis of Human Brain Stroke Detection System Using Ultra Wide Band Pentagon Antenna	Sylwan	POLSKIE TOWARZYSTWO LESNE	0039-7660	164	1	333-339	Jan 20	SCIE	YES
		S.Palanivel Rajan	M.Paranthaman	Novel Method for the Segregation of Heart Sounds from Lung Sounds to Extrapolate the Breathing Syndrome	Bioscience Biotechnology Research Communications	A Society of Science and Nature Publication, Bhopal India	P-ISSN:0974-6455 E-ISSN:2321-4007	12	4	1038-1046	Nov 19	WoS-ESCI	YES
		S.Palanivel Rajan	*****	Design of Microstrip Patch Antenna for Wireless Application using High Performance FR4 Substrate	Advances and Applications in Mathematical Sciences	Mili Publications	0974-6803	18	12		Oct 2019	WoS-ESCI	YES
		S.Palanivel Rajan	M.Paranthaman	Characterization of compact and efficient patch antenna with single inset feeding technique for wireless applications	Journal of Applied Research and Technology	Centro de Ciencias Aplicadas y Desarrollo Tecnológico, Universidad Nacional Autónoma de México	1665-6423	17	4	297-301	Nov 19	SCOPUS	YES
		S.Palanivel Rajan	M.Paranthaman	Design of Frequency Reconfigurable Antenna Array Element for Wireless Applications	International Journal of Emerging Trends in Science and Technology	Publishing India Group - Online	2349-7866	5	2	7-10	Dec 2019	College Journal	YES

4	Dr.A.SRIDEVI	Dr. A.Sridevi	***	Synthesis of rGO/CuO/Ag ternary nanocomposites via hydrothermal approach for opto-electronics and supercapacitor applications	Journal of Superconductivity and Novel Magnetism	Springer Verlag	1557-1939				May 2020	SCIE	
		Dr. A.Sridevi	Dr. G.K.D. Prasanna Venkatesan	AN EFFICIENT SPECTRUM SENSING TECHNIQUE ANALYSIS FOR ADHOC WIRELESS COOPERATIVE COGNITIVE RADIO NETWORKS	International Journal of Advanced Science and Technology	Science & Engineering Research Support soCietiy	2005-4238	29	5s	421-431	Mar 20	Scopus	YES
5	Dr.S.JEGADEESAN	S.Jegadeesan	M.Dhamodaran, S.Sri Shanmugapriya	Numerical Analysis of dual-core photonic crystal fiber based temperature and pressure sensor for oceanic applications	Optica Applicata	WROCLAW UNIV SCIENCE TECHNOLOGY	1899-7015	XLIX	2	249-263	Aug 19	SCIE	NO
		S.Jegadeesan	M.Dhamodaran, M.Azees,A.Murugan	Design of Polarization Splitter Based on a Dual-core Hexogonal-Shaped Photonic Crystal Fiber	Current Optics and Photonics	Optical Society of Korea	2508-7274	3	4	304-310	Aug 19	SCIE	NO
		S.Jegadeesan	MARIA AZEES , N. RAMESH BABU ,UMASHANKAR SUBRAMANIAM,J. DHAFAER ALMAKHLES	EPAW: Efficient Privacy Preserving Anonymous Mutual Authentication Scheme for Wireless Body Area Networks (WBANs)	IEEE Access	IEEE		8		48576-48586	Mar 20	SCIE	No
6	Dr.A.MURUGAN	A.Murugan	M.Dhamodaran, S.Jegadeesan	Intelligent detection of high grade brain tumor with invariant features and adaptive clustering	International Journal of Scientific & Technology Research	IJSTR	2277-8616	9	3	4049-4054	Mar 20	SCOPUS	
7	Dr.V.MARISELVAM	Mariselvam V	Prithivirajan V	Compact DGS Loaded Tri-Band Filter for multi-service wireless communication systems	Caribbean Journal of Science	UNIV PUERTO RICO	0008-6452	53	2	1805-1809	Aug 19	SCIE	NO
		Mariselvam. V	Varatharajan.R	Compact DGS Quad band Filter for multi-service wireless communication systems Using stub loaded Stepped impedance Resonators	Computer Communications	Elsevier BV	0140-3664	1		349-352	Mar 20	SCIE	NO
8	Mr.P.T.SIVAGURUNATHAN	Sivagurunathan P.T	Ramakrishnan.P Dr.N.Sathishkumar	Boundary Detection Using Distributed Boundary Estimation Algorithm in Cognitive Radio Networks	International Journal of Advanced Science and Technology	Science & Engineering Research Support soCietiy	2005-4238	28	17	117-127	Dec 19	Scopus	Yes
		Sivagurunathan P.T	Ramakrishnan.P Dr.N.Sathishkumar	Comparison of Filtering Methods of Fetal Cardiac Ultrasound Image	Adalya Journal	Suna ve Inan Kirac Akdeniz Medeniyetleri Arastirma	1301-2746	8	12	762-766	Dec 19	WoS	Yes
9	Mr.C.NANDAGOPAL	C.Nandagopal	S.Abarna,S.Abina,M.Nithya pragathi	An EfficientData Gathering Technique Using Ant colony optimization techniquein WSN	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCietiy	2233-7857	12	5	165-172	Dec 19	WoS	Yes
		C.Nandagopal	S.M. Ramesh	An Efficient Data Gathering Technique Using Optimal Minimum Coverage Spanning Tree Algorithm in WSN	Journal of Circuits, Systems and Computers	World Scientific Publishing Co	0218-1266				Feb 20	SCIE	

10	Mr.P.RAMAKRISHNAN	P.Ramakrishnan	P.T.Sivagurunathan Dr.N.Sathishkumar	Beam forming and Multiuser MIMO based Performance Analysis of 5G Network Communications	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCiety	2233-7857	12	5	134-142	Dec 19	WoS	Yes
		P.Ramakrishnan	P.T.Sivagurunathan Dr.N.Sathishkumar	Fruit Classification Based on Convolutional Neural Network	International Journal of Control and Automation	Science & Engineering Research Support soCiety	2005-4297	12	6	232-239	Dec 19	Scopus	Yes
11	Mrs.T.ABIRAMI	T.Abirami	S.Palanivel Rajan	Cataloguing and Diagnosis Of WBC's in Microscopic Blood smear	International Journal of Advanced Science and Technology	Science & Engineering Research Support soCiety	2005-4238	28	17	69-76	Dec 19	Scopus	Yes
		T.Abirami	V.Jamuna	MONITORING OF LARGE OUTDOOR INFRASTRUCTURE USING ZIGBEE AND MEMS SENSOR	International Journal of Grid and Distributed Computing	Science & Engineering Research Support soCiety	2005-4262	13	1	697-703	Apr 2020	WoS	
12	Mr.G.SHANMUGAVADIVEL	G.Shanmugavadivel	B.Gomathy	Smart Shopping Cart	International Journal of Advanced Science and Technology	Science & Engineering Research Support soCiety	2005-4238	28	17	91-97	Dec 19	Scopus	Yes
		G.Shanmugavadivel	B.Gomathy	Real Time Microclimate and Pollution Monitoring System	Adalya Journal	Suna ve Inan Kirac Akdeniz Medeniyetleri Arastirma Enstitusu	1301-2746	8	12	757-761	Dec 19	WoS	Yes
13	Mr.S.MOHANRAJ	S.Mohanraj	V.R. Vinothini, K.Sakthisudhan	MammoTWEET: A Novel Approach for Digitalized Retrieval Report of Breast Cancer to Medical Professionals(Bioscience Biotechnology Research Communications	Bioscience Biotechnology Research Communications	A Society of Science and Nature Publication, Bhopal India	P-ISSN:0974-6455 EISSN:2321-4007	13	2		May 2020	WoS	
		S.Mohanraj	V.R. Vinothini, K.Sakthisudhan	Design and Development of IoT Based Intelligent Sensor Network for the Performance Analysis of Athletes	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCiety	2233-7857				May 2020	WoS	
		Mohanraj S	Sakthisudhan K Archana M	Wireless Sensor Network based Drought Mitigation System for Smart Agriculture	Journal of Xidian University	Science Press	1001-2400	14	4	383-387	Apr 2020	SCOPUS	
14	Mr.F.DINFSH	E.Dinesh	L.Ramesh	IOT based System to Detect Shallow Breathing using Heterogeneous Smart Devices	International Journal of Control and Automation	Science & Engineering Research Support soCiety	2005-4297	12	6	240-245	Dec 19	Scopus	Yes

14		E.Dinesh	L.Ramesh	Authorizing Online Security Scheme over Outsourced Data	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCiety	2233-7857	12	5	81-88	Dec 19	WoS	Yes
15	Mrs.V.JAMUNA	Jamuna V	***	Conditional Monitoring of Electrical Apparatus using Thermal Imaging	International Journal of Grid and Distributed Computing	Science & Engineering Research Support soCiety	2005-4262	12	3	102-110	Dec 19	WoS	Yes
		Jamuna V	T.Abirami	Smart Irrigation System	Test Engineering and Management	The Mattingley Publishing Co., Inc.	0193-4120	82		216-220	Jan 20	Scopus	Yes
16	Mr.B.RAJESH KUMAR	B.Rajesh Kumar	S.Ishwarya, R.Senthil Kumar	Integrated Automatic Power Factor for 3-Phase Load and Management in Home Appliances using IoT	International Journal of Recent Technology and Engineering	Blue Eyes Intelligence Engineering & Sciences Publication	2277-3878	8	4	12696-12701	Nov 19	SCOPUS	YES
		P.Lenin Pugalhanthi	R.Senthil Kumar, B.Rajesh Kumar, E.Sneha	Performance Assessment of Solar Powered Smart Drip Irrigation System using Arduino	International Journal of Engineering and Advanced Technology	Blue Eyes Intelligence Engineering & Sciences Publication	2249-8958	9	156	1-5	Dec 19	SCOPUS	No
17	Mr.K.SHEIK DAVOOD	K.Sheikdavood	A Nithya	Character Segmentation and Identification Methods for Japanese Document Images Using K-Nearest Neighbor Method	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCiety	2233-7857	12	5	107-113	Dec 19	WoS	Yes
		K.Sheikdavood	A.Manikandan, Dr.M.Ponni Bala, A.Niranjan	Motion Detection Using Convolutional Networks for Smart Gadgets	Journal of Xidian University	Science Press	1001-2400	14	5	2789-2794	May 2020	SCOPUS	Yes
18	Mrs.S.SIVARANJANI	Sivaranjani.S	K.Kaarthik	Breast Cancer Detection Using Neutrosophic Logic	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCiety	2233-7857	12	5	125-133	Dec 19	WoS	Yes
		Sivaranjani.S	Ashok.V, Mohd Helmy Abd Wahab, Muhammad Mahadi bin Abdul Jamil, Vinoth Kumar.P	Priority Aware Medical EEG Data Transmission Using Cognitive Radio Network	International Journal of Control and Automation	Science & Engineering Research Support soCiety	2005-4297	12	6	364-370	Dec 19	Scopus	Yes
19	Mr.M.PARANTHAMAN	M. Paranthaman	S.Palanivel Rajan	Design of Frequency Reconfigurable Slot Antenna for Wireless Applications	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCiety	2233-7857	12	5	102-106	Dec 19	WoS	Yes
		M. Paranthaman	S.Palanivel Rajan	Design of Implantable Antenna for Biomedical Applications	International Journal of Advanced Science and Technology	Science & Engineering Research Support soCiety	2005-4238	28	17	85-90	Dec 19	Scopus	Yes

20	Mr.K.KAARTHIK	Kaarthik K	Vivek C	Cotton Dust Monitoring System in Textile Industry Using IoT	International Journal of Grid and Distributed Computing	Science & Engineering Research Support soCiety	2005-4262	12	3	118-125	Dec 19	WoS	Yes
		Kaarthik K	Sivaranjani.S	Design and Implementation of Drainage and Garbage Safety System	International Journal of Advanced Science and Technology	Science & Engineering Research Support soCiety	2005-4238	28	17	77-84	Dec 19	Scopus	Yes
21	Mr.L.RAMESH	L.Ramesh	E.Dinesh	Face Emotion Recognition using Viola Jones Algorithm	International Journal of Grid and Distributed Computing	Science & Engineering Research Support soCiety	2005-4262	12	3	63-72	Dec 19	WoS	Yes
		L.Ramesh	E.Dinesh	Agriculture Irrigation Monitoring System	International Journal of Advanced Science and Technology	Science & Engineering Research Support soCiety	2005-4238	28	17	109-116	Dec 19	Scopus	Yes
22	Mr.S.PRADEEP	Pradeep.S	Abinaya.R	Design and Implementation of Fault Tolerant Hybrid Full Adder Using Inverter	International Journal of Advanced Science and Technology	Science & Engineering Research Support soCiety	2005-4238	28	17	653-659	Dec 19	Scopus	Yes
		Pradeep.S	Vinoth Kumar.P Sivaranjani.S	Low Complexity Edge Detection and Impulse Noise Removal in Various Images	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCiety	2233-7857	12	5	89-101	Dec 19	WoS	Yes
23	Ms.A.NITHYA	A Nithya	K.Sheikdavood	An Optimization of power in Heterogeneous mobile Ad-Hoc network's (MANET)	International Journal of Grid and Distributed Computing	Science & Engineering Research Support soCiety	2005-4262	12	3	88-93	Dec 19	WoS	Yes
		A Nithya	A.Swetha Ranjani	Monitoring Health Index of Patient Using IoTInSmart HomeEnvironment	International Journal of Advanced Science and Technology	Science & Engineering Research Support soCiety	2005-4238	28	17	128-138	Dec 19	Scopus	Yes
24	Ms.M.JANANI	Janani M	Supriya M	A Novel Transceiver for Enhanced Bluetooth Coverage	International Journal of Grid and Distributed Computing	Science & Engineering Research Support soCiety	2005-4262	12	3	111-117	Dec 19	WoS	Yes
		Janani M	Janaki K	Multiplier Based on BSTfor High-Performance Compression	International Journal of Control and Automation	Science & Engineering Research Support soCiety	2005-4297	12	6	246-255	Dec 19	Scopus	Yes
25	Mrs.A.SUGANYA	Suganya.A	Jothimani.S	Picture Enrichment Using Flexible Histogram Concept by Means of Image Processing Methodin Eye	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCiety	2233-7857	12	5	114-124	Dec 19	WoS	Yes

		Suganya.A	Jothimani.S	Picture enrichment Techniques usingUltrasound Images for Gastric Disease Recognition	Test Engineering and Management	The Mattingley Publishing Co., Inc.	0193-4120	82		199-205	Jan 20	Scopus	Yes
26	Ms.R.ABINAYA	Abinaya.R	Pradeep.S	Pulse monitoring development system for Diabetes patient	International Journal of Grid and Distributed Computing	Science & Engineering Research Support soCietY	2005-4262	12	3	73-80	Dec 19	WoS	Yes
		Abinaya.R	Pradeep.S	Accident Prevention by Supervise a Driver Anxiety and Sleepiness System based on IoT Device	International Journal of Control and Automation	Science & Engineering Research Support soCietY	2005-4297	12	6	223-231	Dec 19	Scopus	Yes
27	Mr.S.ARUN PRATHAP	S.Arunprathap	K.Sudhakar	Low Power Carry Select Adder	Adalya Journal	Suna ve Inan Kirac Akdeniz Medeniyetleri Arastirma	1301-2746	8	12	773-780	Dec 19	WoS	Yes
		S.Arunprathap	K.Sudhakar	Printed Circuit Board Design Of Compact CAN To Ethernet Converter	International Journal of Scientific & Technology Research	IJSTR	2277-8616	9	2	591-595	Feb 20	Scopus	
28	Ms.A.KAVIYA	A. Kaviya	G.Sivapriya	Efficient Error Correction Codes for Multiple-cell Upset in SRAM	Test Engineering and Management	The Mattingley Publishing Co., Inc.	0193-4120	82		330-336	Jan 20	Scopus	Yes
29	Mrs.S.JOTHIMANI	Jothimani.S	Suganya.A	Estimating Securities Exchange Utilizing Profound Neural Networks	International Journal of Grid and Distributed Computing	Science & Engineering Research Support soCietY	2005-4262	12	3	81-87	Dec 19	WoS	Yes
		Jothimani.S	Suganya.A	Segmentation Based Mixture for Submerged Image Augmentation and Color Image	Test Engineering and Management	The Mattingley Publishing Co., Inc.	0193-4120	82		192-198	Jan 20	Scopus	Yes
30	Mr.S.MEIVEL	S.Meivel	S.Maheswari	Standard AgriculturalDroneDataAnalytics using KNN Algorithm	Test Engineering and Management	The Mattingley Publishing Co., Inc.	0193-4120	82		206-215	Jan 20	Scopus	Yes
		S.Meivel	S.Maheswari	Design and Aluminium framework of drone Using SOLIDWORKS	International Journal of Grid and Distributed Computing	Science & Engineering Research Support soCietY	2005-4262	12	2	85-97	Dec 19	WoS	Yes
31	Mr.K.SUDHAKAR	K.Sudhakar	S.Arunprathap	Automatic Coronary Centerline Extraction from Computed Tomography Images	International Journal of Scientific & Technology Research	IJSTR	2277-8616	9	1	1621-1624	Jan 20	Scopus	No
		K.Sudhakar	S.Arunprathap	Array Multiplier Using Multiplexer based Pass Transistor Logic Style Full Adders	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCietY	2233-7857	13	1	612-617	Feb 20	Wos	
		V.Praveen	A.Saran Kumar, G.Sivapriya, S.Priyanka	IoT And Fuzzy Logic Based Smart Robot System For The Detection Of Groundmines	International Journal of Scientific & Technology Research	IJSTR	2277-8616	8	9	328-332	Sep 19	Scopus	No

32	Ms.G.SIVAPRIYA	G.Sivapriya	Keerthika.P	IDENTIFICATION AND CLASSIFICATION OF DEFECTS IN TOMATO WEED PLANTS USING DEEP ConvNet	International Journal of Scientific & Technology Research	IJSTR	2277-8616	9	2	2239-2245	Mar 20	SCOPUS	
		G.Sivapriya	A.Kaviya	IFTTT BASED ENERGY EFFICIENT SMART HOME AUTOMATION SYSTEM USING VOICE ASSISTANT	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCiety	2233-7857	13	1	999-1005	Apr 2020	WoS	
33	Ms.S.AATHILAKSHMI	Aathilakshmi S	Dr. Vimala R, Dr.Britto Aravind K.R	An Efficient VLSI Multiplier Design For Signal Processing	International Journal of Advanced Science and Technology	Science and Engineering Research Support Society	2005-4238	28	13	308-320	Nov 19	SCOPUS	NO
		Aathilakshmi S	Dr.Britto Aravind K.R, Dr. Vimala R	Digital Filtering Using Multipliers on Intelligence Extraction and Power-Line Removal from Electromyogram Signals	Journal of Medical Imaging and Health Informatics	American Scientific Publishers	2156-7026	10		30-37		WoS	
35	Mrs.K.JANAKI	Janaki K	Jawahar K	DESIGN OF POWER DEMAND CONTROLLER FOR DOMESTIC LOADS	Bioscience Biotechnology Research Communications	A Society of Science and Nature Publication, Bhopal India	P-ISSN:0974-6455 EISSN:2321-4007	4	13		May 2020	Wos	
		Janaki K	Janani M	An Efficient Investigation Of A Wireless Network Using OPNET Modeler In Radio Communication	International Journal of Scientific & Technology Research	IJSTR	2277-8616	9	4	1121-1124	Apr 2020	SCOPUS	
36	Ms.A.SWETHA RANJANI	R.Shantha Selvakumari	A.Swetha Ranjani	A Monopole Antenna with offset feed Microstrip Line for Wireless Application	IETE Journal of Research	TAYLOR & FRANCIS LTD	0974-780X	https://doi.org/10.1080/03772063.2019.1649213			Aug 19	SCIE	NO
		A.Swetha Ranjani	A Nithya	An Deep encoder and decoder convolutional neural network based retinal blood vessel segmentation	International Journal of Advanced Science and Technology	Science & Engineering Research Support soCiety	2005-4238	28	17	98-108	Dec 19	Scopus	Yes
37	Mr.S .SAKTHIMANI	Mr.Sakthimani S	Dr.Kalaiarasan R	Investigationon Analysis Of Power Effcient 15/16 Prescaler	International Journal of Scientific & Technology Research	IJSTR	2277-8616	9	3	757-760	Mar 20	Scopus	
		Mr.Sakthimani S	Dr.Kalaiarasan R	Various Strategy and Execution Methods For 64 Bit Carry Select Adder	International Journal of Future Generation Communication and Networking	Science & Engineering Research Support soCiety	2233-7857	13	1	1385-1390	Apr 2020	Wos	
38	Mrs. B.NEETHTHI AADITHIYA	B.Neeththi Aadithiya	B.Elizabeth Caroline	Design of Frequency Reconfigurable Antenna Array Element for L and C Band Applications	International Journal of Control and Automation	Science & Engineering Research Support soCiety	2005-4297	12	6	358-363	Dec 19	Scopus	Yes

39	Mr.N.MAHENDRAN	N Mahendran	S Shankar T Mekalaa	EMA-PRBDS: efficient multi-attribute packet rank based data scheduling in wireless sensor networks for real-time monitoring systems	INTERNATIONAL JOURNAL OF ELECTRONICS	Taylor & Francis	1362-3060			01-20	Nov 19	SCI/SCIE	YES
		N Mahendran	S Shankar T Mekalaa	LSAPSP: Load distribution-based slot allocation and path establishment using optimized substance particle selection in sensor networks	International Journal of Communication Systems	John Wiley & Sons Inc.	1099-1131			01-20	Jan 20	SCI/SCIE	NO
40	C.Rajaraja Chozhan	C. Rajarajachozhan	Nameirakpam Basanta Singh & Sanjoy Deb	High frequency analytical modelling and performance comparison of nanoscale SOI MOS structures	INTERNATIONAL JOURNAL OF ELECTRONICS	Taylor & Francis	1362-3061			1945-1961		SCI/SCIE	