

SCOPUS PUBLICATIONS

YEAR WISE NUMBER OF PUBLICATIONS

Year	2017	2018	2018
Number of Publications	56	64	97

SCOPUS PUBLICATIONS 2017

NO	Year	Document Title	Authors	ISSN	Journal Title	Volume	NO
1	2017	FPGA implementation of high speed and low power viterbi decoder using reverse algorithm of convolution encoder	Ramesh K., Sudha S.	15461955	Journal of Computational and Theoretical Nanoscience	14	12
2	2017	A new hybridized speech enhancement technique for stationary and non-stationary noisy environments	Senthamizh Selvi R., Suresh G.R., Kanaga Suba Raja S.	15461955	Journal of Computational and Theoretical Nanoscience	14	12
3	2017	Performance analysis of localization algorithm for energy efficient node deployment in underwater acoustic sensor networks	Hema R., Rose S.S., Sudha S.	9766340	International Journal of Mechanical Engineering and Technology	8	11
4	2017	Dynamic analysis of the boiler drum of a coal-fired thermal power plant	Chandrasekharan S., Panda R.C., Natrajan Swaminathan B.	375497	Simulation	93	11
5	2017	Twitter recommender systems: A topological and interest oriented approach	Koquilamballe K., Mahalakshmi G.S.	15461955	Journal of Computational and Theoretical Nanoscience	14	11
6	2017	Quantitative growth analysis of pulp necrotic tooth (post-op) using modified region growing active contour model	Shanmugam L., Gunasekaran K., Natarajan A., Kaliaperumal V.	17519659	IET Image Processing	11	11

7	2017	Ensuring fishermen safety through a range based system by trizonal localization using low power RSSI	Reddy N.G.K.K., Ramakrishnan G., Rajeshwari K.	2017 4th International Conference on Signal Processing, Communication and Networking, ICSCN 2017	
8	2017	Remote controlled human navigational assistance for the blind using intelligent computing	Anandkumar K.M., Krishnan A., Deepakraj G., Nishanth N.	ACM International Conference Proceeding Series	
9	2017	Feature selection using firefly algorithm in software defect prediction	Anbu M., Anandha Mala G.S.	13867857	Cluster Computing
10	2017	Optimal data dissemination over wireless network	Kalyan Chakaravarthi P., Suriyakrishnaan K., Sujatha K.S.	Proceedings of 2017 3rd IEEE International Conference on Sensing, Signal Processing and Security, ICSSS 2017	
11	2017	Improvement of network lifetime with security and load balancing mobile data clustering for wireless sensor networks	Abdulasik A., Suriyakrishnaan K.	Proceedings of 2017 3rd IEEE International Conference on Sensing, Signal Processing and Security, ICSSS 2017	
12	2017	A server based load analysis of smart meter systems	Elakshumi S., Ponraj A.	2017 International Conference On Nextgen Electronic Technologies: Silicon to Software, ICNETS2 2017	

13	2017	Neural network based dynamic threshold generator for sensor failure detection in a three tank interacting level process	Nagarajan S., Karthikeyan B., Sobana S.	Proceedings - TIMA 2017: 9th International Conference on Trends in Industrial Measurement and Automation			
14	2017	Cloud connected smart car park	Ravishankar S., Theetharappan N.		Proceedings of the International Conference on IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2017		
15	2017	Effect of direct evaporative cooling during the charging process of phase change material based storage system for building free cooling applicationâ€”A real time experimental investigation	Panchabikesan K., Antony Aroul Raj V., Abaranji S., Vellaichamy P., Ramalingam V.	3787788	Energy and Buildings	152	
16	2017	Hydrophobic structural modification of chitosan and its impact on nanoparticle synthesis â€” A physicochemical study	Jothimani B., Sureshkumar S., Venkatachalapathy B.	1448617	Carbohydrate Polymers	173	
17	2017	Erratum to: Cross-layer based congestion detection and routing protocol using fuzzy logic for MANET (Wireless Networks, (2017), 23, 5, (1373-1385), 10.1007/s11276-016-1211-5)	Anuradha M., Anandha Mala G.S.	10220038	Wireless Networks	23	7
18	2017	Congestion control through policy based scheduling algorithm	Mohanarangan S., Sivakumar D.	15461955	Journal of Computational and Theoretical Nanoscience	14	9

19	2017	Enhancement of mechanical properties of Luffa fiber/epoxy composite using B ₄ C	Jino R., Pugazhenth R., Ashok K.G., Ilango T., Kalyana Chakravarthy P.R.	21567573	Journal of Advanced Microscopy Research	12	2
20	2017	Interactive clothes based on Internet of Things using NFC and mobile application	Reddy N.G.K.K., Rajeshwari K.		2016 Management and Innovation Technology International Conference, MITiCON 2016		
21	2017	Privacy enhanced data communication protocol for wireless body area network	Gowtham M., Ahila S.S.		2017 4th International Conference on Advanced Computing and Communication Systems, ICACCS 2017		
22	2017	Pseudo pipelined coordinate rotation digital computer discrete cosine transform architecture for image compression	Jessintha D., Kannan M.	15461955	Journal of Computational and Theoretical Nanoscience	14	8
23	2017	Investigation on phase change material-based flat plate heat exchanger modules for free cooling applications in energy-efficient buildings	Rajagopal M., Dinesh Babu R., Antony Aroul Raj V., Velraj R.	17512549	Advances in Building Energy Research	11	2
24	2017	Synthesis and Characterization of Surface Modified, Fluorescent and Biocompatible ZnS Nanoparticles with a Hydrophobic Chitosan Derivative	Jothimani B., Sureshkumar S., Venkatachalapathy B.	10530509	Journal of Fluorescence	27	4

25	2017	Monitoring and analysis of PQ parameters after first order derivative function to suppress the background instability in harmonic signal	Srividhya J.P., Sivakumar D.	15461955	Journal of Computational and Theoretical Nanoscience	14	7
26	2017	Cross-layer based congestion detection and routing protocol using fuzzy logic for MANET	Anuradha M., Anandha Mala G.S.	10220038	Wireless Networks	23	5
27	2017	An efficient coronary disease diagnosis system using dual-phase multi-objective optimization and embedded feature selection	Priyatharshini R., Chitrakala S.	15483657	International Journal of Intelligent Information Technologies	13	3
28	2017	Hierarchical replication and multiversion concurrency control model for mobile database systems (MDS)	Mohana M., Jaykumar C.	10220038	Wireless Networks	23	5
29	2017	Classification of normal and knee joint disorder vibroarthrographic signals using multifractals and support vector machines	Jac Fredo A.R., Josena T.R., Palaniappan R., Mythili A.	10162372	Biomedical Engineering - Applications, Basis and Communications	29	3
30	2017	Structural and phase transition of Mg-doped on Mn-site in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ bulk/nanostructured perovskite characterised through online ultrasonic technique	Somasundaram P., Kathiresan S., Mathu S., Mohanraj S., Arumugam K., Srinivasan S., Nallaiyan P., Venkatachalam R., Gurusamy R.	10269185	South African Journal of Chemical Engineering	23	

31	2017	Fault diagnostics of spur gear using decision tree and fuzzy classifier	Krishnakumari A., Elayaperumal A., Saravanan M., Arvindan C.	2683768	International Journal of Advanced Manufacturing Technology	89	9-12
32	2017	Dynamic resource allocation based on energy consumption using hyped-up voltage frequency scaling model in cloud computing	Senthamarai N., Vijayalakshmi M.	15461955	Journal of Computational and Theoretical Nanoscience	14	4
33	2017	Third hankel determinant for bi-starlike and bi-convex functions of order	Chinthamani S., Gangadharan A., Muthucumarasamy R.	15461955	Journal of Computational and Theoretical Nanoscience	14	4
34	2017	Interactive clothes based on IOT using NFC and Mobile Application	Kishore Kumar Reddy N.G., Rajeshwari K.	2017 IEEE 7th Annual Computing and Communication Workshop and Conference, CCWC 2017			
35	2017	The Photovoltaic module fed Push Pull converter with MPPT controller for Solar energy applications	Preethishri R.S., Selvi K.K.		1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2016		
36	2017	Development of four stress levels in group stroop colour word test using HRV analysis	Vanitha L., Suresh G.R., Chandrasekar M., Punita P.	0970938X	Biomedical Research (India)	28	1
37	2017	An evolutionary path for control of air pollution from road transport	Manohar G., Kavuri S.R.	15829596	Environmental Engineering and Management Journal	16	1

38	2017	Mechanical characterization of GFRP/CFRP/natural fiber laminated in epoxy resin composite	Sivasaravanan S., Padmanabhan S., Akash S., Shankara Narayanan H.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9	14
39	2017	Design and analysis of sports bike wheel spokes	Joel C., Elumalai B., Anand S., Padmanabhan S.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9	14
40	2017	Computational analysis of combustion, performance and emission characteristics on di diesel engine with variable intake geometries	Raj Kiran K., Prasanna Raj Yadav S., Saravanan C.G., James Gunasekaran E., Perumal R.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9	14
41	2017	A unique method to decompose hyperspectral images with transformed pixel data	Jeyakumar S., Sudha S.	9734562	International Journal of Applied Engineering Research	10	17
42	2017	IOT based automation of fish farming	Kiruthika S.U., Raja S.K.S., Jaichandran R.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9	1
43	2017	Dissecting power of certain matrix languages	Julie J., Baskar Babujee J., Masilamani V.	3029743	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and	10398	

					Lecture Notes in Bioinformatics)		
44	2017	Predictive Modeling of Integrated Boiler Unit for a Coal Fired Thermal Power Plant	Chandrasekharan S., Panda R.C., Swaminathan B.N.	21945756	International Journal of Emerging Electric Power Systems	18	3
45	2017	Fault tolerant topology control with mobility prediction in manets for clinical care data transmission.	Manohari D., Mala G.S.A., Kumar K.M.A.	0970938X	Biomedical Research (India)	2017	
46	2017	Sensor based spectacles, waist-belt and footwear for visually impaired people	Sundar R., Madan A.T.M.	9766308	International Journal of Civil Engineering and Technology	8	6
47	2017	Computational study of pressure side film cooling–effect of density ratio with combination of holes	Radheesh D., Ssheshan P., Gnanasekaran N., Panda R.K.	21954356	Lecture Notes in Mechanical Engineering		
48	2017	Equilibrium and modelling studies for the removal of crystal violet dye from aqueous solution using eco-friendly activated carbon prepared from sargassm wightii seaweeds	Jayganesh D., Tamilarasan R., Kumar M., Murugavelu M., Sivakumar V.	20282508	Journal of Materials and Environmental Science	8	4
49	2017	Fabrication of porous composite material for crash energy absorption	Sivasaravanan S., Padmanabhan S., Sathish Kumar K., Jishnuvardhan Reddy M.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	9	14

50	2017	Face image retrieval of efficient sparse code words and multiple attribute in binning image	Suchitra S.	15168913	Brazilian Archives of Biology and Technology	60	
51	2017	Mathematical model for integrated coal fired thermal boiler using physical laws	Sreepradha C., Panda R.C., Bhuvanewari N.S.	3605442	Energy	118	
52	2017	Cognitive radio and its impact of throughput with channel optimization techniques	Suseela B., Sivakumar D.	15461955	Journal of Computational and Theoretical Nanoscience	14	1
53	2017	Equilibrium and modelling studies for the removal of crystal violet dye from aqueous solution using eco-friendly activated carbon prepared from Sargassm wightii seaweeds	Jayganesh D., Tamilaran R., Kumar M., Murugavelu M., Sivakumar V.	20282508	Journal of Materials and Environmental Science	8	6
54	2017	Analysis of framelets for the microcalcification	Thivya K.S., Sakthivel P.	21945357	Advances in Intelligent Systems and Computing	459	
55	2017	Synthesis of Hexagonal ZnO-PQ7 Nano Disks Conjugated with Folic Acid to Image MCF 7 Cancer Cells	Sureshkumar S., Jothimani B., Sridhar T.M., Santhosh A., Venkatachalapathy B.	10530509	Journal of Fluorescence	27	1
56	2017	Upshot of occupational stress on work life balance of employees working in information technology organizations in Chennai	Kala K., Akbar Jan N., Subramani A.K., Banureka R.	9752854	Prabandhan: Indian Journal of Management	10	7

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NO	Year	Document Title	Authors	ISSN	Journal Title	Volume	NO
1	2018	Electrical, magnetic and structural properties of polymer-blended lanthanum-added nickel nano-ferrites	Lenin N., Sakthipandi K., Rajesh Kanna R., Rajkumar G.	2728842	Ceramics International	44	17
2	2018	Energy saving and smart billing system for household consumers connected to a smart grid in Tamil Nadu Power System	Vijeesh V., Ponkarthika B., Kaliappan E., Surendar M., Vignesh M.		Proceedings of the International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2018		
3	2018	Two Layer Cloud Security Set Architecture on Hypervisor	Sathyanarayanan N., Nanda M.N.		Proceedings of 2018 2nd International Conference on Advances in Electronics, Computers and Communications, ICAECC 2018		
4	2018	Maintenance of Medical Records Database and Simulation of Gene Therapy using Big Data Concepts	Saagar S., Naveen Nanda M., Nair N.S.K., Kannan S.		IEEE International Conference on 2018 Recent Advances on Engineering, Technology and Computational Sciences, RAETCS 2018		
5	2018	An Electric-Field Based	Areekath L., George B.,		MeMeA 2018 -		

		Breathing Rate Monitor	Shruthi P., Sharanya M., Sudha S.		2018 IEEE International Symposium on Medical Measurements and Applications, Proceedings		
6	2018	Friction surfacing of AISI 316 over mild steel: A characteriation study	George Sahaya Nixon R., Mohanty B.S., Sathish R.	22149147	Defence Technology	14	4
7	2018	Influence of fluoride for enhancing bioactivity onto phosphate based glasses	Rajkumar G., Dhivya V., Mahalaxmi S., Rajkumar K., Sathishkumar G.K., Karpagam R.	223093	Journal of Non- Crystalline Solids	493	
8	2018	Electrochemical, mechanical and Osseo integration evaluation of NBPC-coated 316L SS by EPD	Manonmani R., Vinodhini S.P., Venkatachalapathy B., Sridhar T.M.	2670844	Surface Engineering	34	7
9	2018	Categorization of Images Using Auto encoder Hashing and Training of Intra Bin Classifiers for Image Classification and Annotation	Mercy Rajaselvi Beulah P., Manjula D., Sugumaran V.	1485598	Journal of Medical Systems	42	7
10	2018	Characterization of Friction- Surfaced SS316 Overlaid on Medium-Carbon Steel	Nixon R.G.S., Mohanty B.S.	1876990X	Silicon	10	4
11	2018	Review of leaf drying: Mechanism and influencing	Babu A.K., Kumaresan G., Raj V.A.A., Velraj R.	13640321	Renewable and Sustainable Energy	90	

		parameters, drying methods, nutrient preservation, and mathematical models			Reviews		
12	2018	Investigation of mechanical and electrical properties of Kevlar/E-glass and basalt/E-glass reinforced hybrid composites	Santhosh M.S., Sasikumar R., Natrayan L., Senthil Kumar M., Elango V., Vanmathi M.	22496890	International Journal of Mechanical and Production Engineering Research and Development	8	3
13	2018	A novel report on architecture, protocols and applications in Internet of Things (IoT)	Praveen Kumar R., Smys S.		Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018		
14	2018	Self-learning of braille using haptic interface for children	Srihari C., Prashanthi S., Sriranjani V., Sobithaahila S.		IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017		
15	2018	Effect of Al ₂ O ₃ nano-additives on the performance and emission characteristics of jatropha and pongamia methyl esters in compression ignition engine	Prabhu A., Reddy B.K., Nagappan M., Bharath N.	1430750	International Journal of Ambient Energy		

16	2018	Effect of process parameters on physical measurements of AISI316 stainless steel coating on EN24 in friction surfacing	Nixon R.G.S., Mohanty B.S., Bhaskar G.B.	10426914	Materials and Manufacturing Processes	33	7
17	2018	Robust fault tolerant satellite launcher flight control system	Nagarajan S., Karthikeyan B.		Proceedings - 2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCA 2017	2018-	
18	2018	Maximizing Light Cycle Oil (Lco) production in fluid catalytic cracker	Kalaiselvi T., Selvasundar K., Kumaresan M.K.		Proceedings - 2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCA 2017	2018-	
19	2018	User specific xenogogy from social media	Varalakshmi P.V., Sarayu T., Selvi N.D.T.		Proceedings - 2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCA	2018-	

					2017		
20	2018	Fuzzy based fault detection and isolation of super heater faults in industrial boiler	Navaseelan P., Bhuvaneswari N.S.		Proceedings - 2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCA 2017	2018-	
21	2018	Intelligent level control in horizontal cylindrical tank	Raghunath K., Viknesh S.A., Kanagasabai A., Prasaad R.K., Sobana S.		Proceedings - 2017 IEEE International Conference on Technological Innovations in Communication, Control and Automation, TICCA 2017	2018-	
22	2018	Synthesis of cracked Mahua oil using coal ash catalyst for diesel engine application	Muthukumaran N., Prasanna Raj Yadav S., Saravanan C.G., Sekar T.	1430750	International Journal of Ambient Energy		
23	2018	Graph based generation of research paper summaries	Adline A.L.A., Mahalakshmi G.S., Sendhilkumar S.	15461955	Journal of Computational and Theoretical Nanoscience	15	4
24	2018	Investigation on the effect of thermal barrier coating at different dosing levels of cerium	Shaisundaram V.S., Chandrasekaran M.,	1430750	International Journal of Ambient		

		oxide nanoparticle fuel on diesel in a CI engine	Mohan Raj S., Muraliraja R.		Energy		
25	2018	Preparation of eco-friendly and low-cost activated carbon from gracilaria corticata seaweeds for the removal of crystal violet dye from aqueous solution: Equilibrium and modeling studies	Jayganes D., Tamilarasan R., Kumar M., Murugavelu M., Sivakumar V.	1252526	Chiang Mai Journal of Science	45	2
26	2018	3S: A radio identification based continuous spectrum sensing protocol for safety of women in cognitive radio networks	Abhipriya R., Aysha S., Gayathri K., Kathiravan K.		Proceedings of the 2017 IEEE International Conference on Communication and Signal Processing, ICCSP 2017	2018-	
27	2018	Enhancement in free cooling potential through PCM based storage system integrated with direct evaporative cooling (DEC) unit	Panchabikesan K., Vincent A.A.R., Ding Y., Ramalingam V.	3605442	Energy	144	
28	2018	A Self-Learning Fuzzy Rule-based System for Risk-Level Assessment of Coronary Heart Disease	Priyatharshini R., Chitrakala S.	3772063	IETE Journal of Research		
29	2018	Prediction of effective rainfall and crop water needs using	Abishek B., Priyatharshini R., Eswar M.A., Deepika P.		Proceedings - 2017 IEEE Technological Innovations in ICT	2018-	

		data mining techniques			for Agriculture and Rural Development, TIAR 2017		
30	2018	Providing a friendly e-health care environment to rural women during pregnancy and child growth	Sribhavani S., Sunitha H., Subhiksha B.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
31	2018	IoT based smart soil monitoring system for agricultural production	Ananthi N., Divya J., Divya M., Janani V.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
32	2018	Automated irrigation with advanced seed germination and pest control	Arvind G., Athira V.G., Haripriya H., Rani R.A., Aravind S.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
33	2018	Fault detection of wind turbine system using neural networks	Nithya M., Nagarajan S., Navaseelan P.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and	2018-	

					Rural Development, TIAR 2017		
34	2018	Automatic plant monitoring and controlling system over GSM using sensors	Priya C.G., Abishek Pandu M., Chandra B.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
35	2018	Rice husk as an alternate fuel	Nayak R.K., Athira V.G., Selvan D., Kumar S.S.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
36	2018	A paradigm for rice yield prediction in Tamil Nadu	Mariappan A.K., Ben Das J.A.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
37	2018	Identification of organic fruits using color and size features	Gnanapriya S., Esakkipriya P., Kavipriya R., Sangeethakamatchi C., Sandhya M.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural	2018-	

					Development, TIAR 2017		
38	2018	Design of ZigBee based wireless sensor network for early flood monitoring and warning system	Balaji V., Akshaya A., Jayashree N., Karthika T.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
39	2018	Design and development of a multi-utility agricultural vehicle	Karthikeyam K., Sundar S.S., Subramaniam C.B.S., Sivakumar P.S.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
40	2018	Maximum power point using P&O technique for photovoltaic system	More D.N., Naik A.V., Kumar V.C.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
41	2018	Demand based crop recommender system for farmers	Raja S.K.S., Rishi R., Sundaresan E., Srijit V.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR	2018-	

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42	2018	Smart farming systems using sensors	Ramya R., Sandhya C., Shwetha R.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
43	2018	Disease detection in crops using remote sensing images	Shanmugam L., Adline A.L.A., Aishwarya N., Krithika G.		Proceedings - 2017 IEEE Technological Innovations in ICT for Agriculture and Rural Development, TIAR 2017	2018-	
44	2018	Control of carbon dioxide emission in automobile vehicles using CO ₂ scrubber	Shaisundaram V.S., Chandrasekaran M., Mohan Raj S., Muraliraja R., Vinodkumar T.	1430750	International Journal of Ambient Energy		
45	2018	Embedding data in audio signals using HSA-EMD algorithm	Selvi R.S., Kishore R., Suresh G.R., Raja S.K.S.		ICONSTEM 2017 - Proceedings: 3rd IEEE International Conference on Science Technology, Engineering and Management	2018-	
46	2018	Automatic detection and quantification of calcium objects	Priyatharshini R., Chitrakala	1860949X	Studies in Computational	730	

		from clinical images for risk level assessment of coronary disease	S.		Intelligence		
47	2018	Lightweight composite leaf springs for automotive application	Murugu Nachippan N., Venkatesh A.P., Muniyappan M., Reddy M.K.	22496890	International Journal of Mechanical and Production Engineering Research and Development	2018	
48	2018	Named entity recognition for automated test case generation	Mahalakshmi G., Vijayan V., Antony B.	16833198	International Arab Journal of Information Technology	15	1
49	2018	Thermal analysis of carbon-carbon piston for commercial vehicle diesel engine using CAE tool	Joel C., Anand S., Padmanabhan S., Prasanna Raj Yadav S.	1430750	International Journal of Ambient Energy		
50	2018	Evaluation of self compacting concrete with partial replacement of recycled aggregates	Dinesh Kumar R., Ravichandran P.T., Divya Krishnan K.	1943023X	Journal of Advanced Research in Dynamical and Control Systems	10	4
51	2018	Conversion of non-audible murmur to normal speech based on full-rank Gaussian mixture model	Rajesh Kumar T., Suresh G.R., Kanaga Suba Raja S.	15461955	Journal of Computational and Theoretical Nanoscience	15	1
52	2018	Toeplitz matrices whose	Radhika V., Jahangiri J.M.,	23915455	Open Mathematics	16	1

		elements are coefficients of functions with Bounded Boundary Rotation	Sivasubramanian S., Murugusundaramoorthy G.				
53	2018	Human emotion surveillance using computer vision	Radha R., Atchatha M., Kaushik B., Agassi Felix A., Staflin Betzy G.	2227524X	International Journal of Engineering and Technology(UAE)	7	4
54	2018	Structural analysis and mechanical properties of lignite fly-ash added jute-epoxy polymer matrix composite	Sathishkumar G.K., Rajkumar G., Srinivasan K., Umapathy M.J.	7316844	Journal of Reinforced Plastics and Composites	37	2
55	2018	Exploration of carbon deposit on spark plug of stratified charged gasoline direct injection engine	Prem Anand B., Prasanna Raj Yadav S., Dhanadevi S.R., Kanimozhi P., Pavadharani T.	1430750	International Journal of Ambient Energy		
56	2018	Geometric properties of Bessel functions for the classes of Janowski starlike and convex functions	Radhika V., Sivasubramanian S., Cho N.E., Murugusundaramoorthy G.	15211398	Journal of Computational Analysis and Applications	25	3
57	2018	Studies on mechanical properties of luffa acutangula/ lignite fly ash reinforced composites	Jino R., Sriraman M., Arthika B., Ashok K.G.	2227524X	International Journal of Engineering and Technology(UAE)	7	2
58	2018	Modelling and analysis of piezoelectric microgripper for unmanned aerial vehicle	Murugu Nachippan N., Venkatesh A.P., Muniyappan M.	22147853	Materials Today: Proceedings	5	9
59	2018	Knowledge based framework for genetic disease diagnosis	Haritha P., Priyatharshini R., Abishek A.G., Kamala	18650929	Communications in Computer and	877	

		using data mining technique	Kiran V.		Information Science		
60	2018	Development of paper-based chemosensor for the detection of mercury ions using mono- and tetra-sulfur bearing phenanthridines	Ponram M., Balijapalli U., Sambath B., Iyer S.K., Venkatachalapathy B., Cingaram R., Natesan Sundaramurthy K.	11440546	New Journal of Chemistry	42	11
61	2018	Human-robot interaction using three-dimensional gestures	Ponmani K., Sridharan S.	18761100	Lecture Notes in Electrical Engineering	492	
62	2018	Experimental study and investigation on wear characteristics of aluminium-nano boron carbide (AL-B4C) metal matrix	Venkatesh A.P., Backiyaraj A., Muniyappan M., Kumar Reddy S.M.	22496890	International Journal of Mechanical and Production Engineering Research and Development	2018	
63	2018	Effect of fuel injection strategies on the performance of the common rail diesel injection (CRDI) engine powered by biofuel	Prem Anand B., Prasanna Raj Yadav S., Aasthiya B., Akshaya G., Arulmozhi K.	1430750	International Journal of Ambient Energy		
64	2018	Certain investigations on effective rate adaptation in cognitive radio with channel characteristics	Suseela B., Sivakumar D.	14709503	International Journal of Networking and Virtual Organisations	19	2-4

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SI NO	Year	Title	Authors	Journal	Volume	No
1.	2019	Coronary heart disease (Cad) monitoring system based on wireless sensors	Esther, G.M., Sobitha Ahila, S., Kumar, P.H.	Journal of Physics: Conference Series	1362	1
2.	2019	Real-time object recognition using region based convolution neural network and recursive neural network	Priyatharshini, R., Aswath Ram, A.S., Shyam Sundar, R., Nethaji Nirmal, G.	International Journal of Recent Technology and Engineering	8	4
3.	2019	Automated toll booth using morphological edge detection algorithm	Kausalya, K., Bhavadarini, S., Gayathri, A.	International Journal of Recent Technology and Engineering	8	4
4.	2019	Wireless power transfer and vehicle theft detection using block chaining	Gnanapriya, S., Rahimunnisa, K., Jan Gracelin Jemi, K., Ishwarya, S., Karthikeyan, A.L.	International Journal of Recent Technology and Engineering	8	4
5.	2019	Design and development of an efficient mining framework for pre-cancerous lesion detection in lung using non-invasive ct imaging	Priyatharshini, R., Aparajitha, K., Aarthi, B., Dhivya, N.	International Journal of Innovative Technology and Exploring Engineering	9	1
6.	2019	Early detection of stenosis in coronary artery using adaboost and ANN classification	Reena Roy, R., Maanasi, K., Pavithra, R., Rekha, M.	International Journal of Innovative Technology and Exploring Engineering	9	1
7.	2019	Smart assistance for asperger syndrome	Balaji, V., Kanaga Suba Raja,	International	9	1

		using raspberry pi	S., Aparna, S., Haritha, J., Lakshmi Kanya, M.	Journal of Innovative Technology and Exploring Engineering		
8.	2019	An image processing based fungus detection system for mangoes	Ananthi, N., Akshaya, S., Aarthi, B., Aishvarya, J., Kumaran, K.	International Journal of Innovative Technology and Exploring Engineering	9	1
9.	2019	Image completion using deep convolutional generative adversarial networks	Priyadharshini, C., Usha Kiruthika, S., Poddar, K., Karthikeyan, V., Babu, B.	International Journal of Recent Technology and Engineering	8	4
10.	2019	An efficient and effective forest surveillance system to prevent malicious activities using LoRa	Chandra, B., Usha Kiruthika, S., Dinesh Kumar, S., Anish, S., Kabilesh, E.	International Journal of Recent Technology and Engineering	8	4
11.	2019	Detection of tuberculosis in chest X-rays using U-net architecture	Usha Kiruthika, S., Kanaga Suba Raja, S., Balaji, V., Raman, C.J., Durai Arumugam, S.S.L.	International Journal of Innovative Technology and Exploring Engineering	9	1
12.	2019	Smart secure and warning system in hair pin bends at hill stations based on zig bee technology	Deepika, P., Sathya Priya, S., Priya, C., Surya, M.	International Journal of Recent Technology and Engineering	8	4
13.	2019	Performance in binary characteristics of sisal fibre reinforced concrete	Sounthararajan, V.M., Sivasankar, S., Dhinakaran, S., Modak, N., Gopalakrishnan, R.	International Journal of Innovative Technology and Exploring	9	1

				Engineering		
14.	2019	Power quality in distribution grids	Thirusenthil Kumaran, P., Pushpakarthick, P., Chidambarathanu, G.V., Venkatachalam, M., Durai, X.R., Jaiganesh, R.	International Journal of Innovative Technology and Exploring Engineering	9	1
15.	2019	Control of carbon dioxide emission in automobile vehicles using CO ₂ scrubber	Shaisundaram, V.S., Chandrasekaran, M., Mohan Raj, S., Muraliraja, R., Vinodkumar, T.	International Journal of Ambient Energy	40	7
16.	2019	An optimal algorithm to improve resource utilization in cloud data centre	Raja, S.K.S., Hema, M.	International Journal of Engineering and Advanced Technology	9	1
17.	2019	Design and fabrication of manually powered path cleaner using pulley drives	Ramesh, P., Balaji, D.S., Gnanasekaran, V., Gopi, P.	International Journal of Engineering and Advanced Technology	9	1
18.	2019	Experimental research on hybrid natural/glass fiber based epoxy composite	Yuvaraj, G., Ramakrishnan, G., Elayaraja, T., Ragul Srinivasan, G.V., Hariharasudhan, T.	International Journal of Engineering and Advanced Technology	9	1
19.	2019	Synchronized control of voltage and current harmonics in distributed generation system using fuzzy controller	Karpagam, R., Lydia, J., Leones Sherwin Vimalraj, S., Suganthi, S., Shanthi, K.	International Journal of Innovative Technology and Exploring Engineering	8	12
20.	2019	Hybrid hyperspectral image compression technique for non-iterative factorized	S, J., S, S.	Computational Geosciences	23	5

		tensor decomposition and principal component analysis: application for NASA's AVIRIS data				
21.	2019	(Tetrahydrodibenzo[a, i]phenanthridin-5-yl)phenol as a Fluorescent Probe for the Detection of Aniline	Balijapalli, U., Manickam, S., Thirumoorthy, K., Natesan Sundaramurthy, K., Sathiyarayanan, K.I.	Journal of Organic Chemistry	84	18
22.	2019	Durability of alumina silicate concrete based on slag/fly ash blends against corrosion	Rajagopalan, G.	Engineering, Construction and Architectural Management	26	8
23.	2019	An empirical research for secured storage and protecting unauthorized access of organ donor details	Geetha, A., Sobitha Ahila, S., Vidhya Lakshmi, V.S., Kalpana Devi, S.	International Journal of Engineering and Advanced Technology	8	
24.	2019	ANFIS based fault detection and identification of control valve failures in three tanks interacting level process	Nagarajan, S., Kalaivani, K., Navaseelan, P., Kalaiselvi, T., Sobana, S.	International Journal of Engineering and Advanced Technology	8	
25.	2019	Structural and mechanical design of solar tracking system	Billy, D., Paulmar Pushparaj, J., Vetrivel Sezhian, M., Arulvel, S., Omshakthivel, U.	International Journal of Engineering and Advanced Technology	8	
26.	2019	Flood control and water management at basin level-at orathur of Kanchipuram district	Jothilakshmi, M., Chandrakanthamma, L., Dhaya Chandhran, K.S., Mohan, A.	International Journal of Engineering and Advanced Technology	8	
27.	2019	Research on mechanical behavior of AMMC (Al-SiC) composite in disc brake	Karthikeyan, K., Naga Chandrika, K.K., Deepan Raj Kumar, A., Thiagarajan, S.,	International Journal of Engineering and	8	

			Vishnukumar, V.	Advanced Technology		
28.	2019	Modeling of PV array for DC-DC flyback converter with asymmetrical output voltage	Gowrishankar, J., Kaliappan, E., Farzana, D.F., Chidambarathanu, G.V., Karthick, K.P.	International Journal of Engineering and Advanced Technology	8	
29.	2019	Automated irrigation and smart farming	Sri Heera, S., Suganthan, P., Athreya, S.S., Narasimman, S.S., Rakesh, M.	International Journal of Engineering and Advanced Technology	8	
30.	2019	The photocatalytic activity of cement in reducing air pollutants	Chandrakanthamma, L., Jothilakshmi, M., Dhayachandhran, K.S., Goel, R.	International Journal of Engineering and Advanced Technology	8	
31.	2019	Design of wearable shoe for blind using LIFI technology	Vijeesh, V., Kaliappan, E., Ponkarthika, B., Vignesh, G.	International Journal of Engineering and Advanced Technology	8	
32.	2019	Design and fabrication of centre line marker	Jeremiah, R., Prabhakaran, D., Jothi Prakash, V.M., Prasath, P., Raghavendran, J.	International Journal of Engineering and Advanced Technology	8	
33.	2019	Wireless monitoring of industrial drives using internet of things technology (IOT)	Kaliappan, E., Ponkarthika, B., Gowrishankar, J., Vignesh, G., Vijeesh, V.	International Journal of Engineering and Advanced Technology	8	
34.	2019	Design of hand movement based smart automation system	Ponkarthika, B., Kaliappan, E., Vijeesh, V., Vignesh, G.	International Journal of	8	

				Engineering and Advanced Technology		
35.	2019	Drone-aid: An aerial medical assistance	Nimilan, V., Manohar, G., Sudha, R., Stanley, P.	International Journal of Innovative Technology and Exploring Engineering	8	
36.	2019	"An empirical research on student's usage of social networking towards professional grooming with reference to Ramapuram at Thiruvallur district"	Purushothaman, S., Sugashini, R.K.	International Journal of Innovative Technology and Exploring Engineering	8	
37.	2019	C-score: An alternative banking methodology	Naveen Nanda, M., Venkata Subramanian, D., Kalyan Chakravarthy, N.S.	International Journal of Recent Technology and Engineering	8	
38.	2019	Mitigating Hotspot Issue in WSN Using Sensor Nodes with Varying Initial Energy Levels and Quantification Algorithm	Balamurali, R., Kathiravan, K., Krishnan, T.	Cybernetics and Information Technologies	19	3
39.	2019	Feature selection using firefly algorithm in software defect prediction	Anbu, M., Anandha Mala, G.S.	Cluster Computing	22	
40.	2019	Selection of effective control factors for TMT bars using taguchi	Vijaya Prakash, B., Sundarapandian, S.	International Journal of Engineering and Advanced Technology	8	
41.	2019	Secure auditing and storage systems in cloud service	Murthy, P.V.N.S.L.S.S.R., Khanaa, V., Bandaru, V.N.R., Abirami, A.	International Journal of Engineering and Advanced Technology	8	

42.	2019	A 13-level asymmetrical cascaded inverter for photovoltaic system with DC-DC flyback converter	Gowrishankar, J., Fathema Farzana, D., Kaliappan, E., Balasundaram, G., Belwin Edward, J.	International Journal of Recent Technology and Engineering	8	3
43.	2019	Detection and classification of paddy crop disease using deep learning techniques	Kiruthika, U., Kanagasuba Raja, S., Jaichandran, R., Priyadarshini, C.	International Journal of Recent Technology and Engineering	8	3
44.	2019	Metaclassifiers for predicting the robotic navigational performance	Padmapriya, S., Jimreeves, J.S.R., Kalaiselvi, P., Nageswaran, A., Arun, S.	International Journal of Innovative Technology and Exploring Engineering	8	
45.	2019	New wireless multifunctional smart robot for border security surveillance with real time object recognition	Anandkumar, K.M., Ramachandran, A., Arunprakash, R., Manikandan, B.	International Journal of Recent Technology and Engineering	8	3
46.	2019	Machinability optimization of abrasive water jet cutting process on AA6082 aluminium alloy	Joel, C., Jeyapooan, T.	International Journal of Innovative Technology and Exploring Engineering	8	10
47.	2019	An obstacle aware mobile sink path strategy in WSN	Feiroz Khan, T.H., Siva Kumar, D.	Indonesian Journal of Electrical Engineering and Computer Science	15	2
48.	2019	Sentiment analysis of movies on social media using R studio	Jaichandran, R., Bagath Basha, C., Shunmuganathan, K.L., Rajaprakash, S., Kanagasuba Raja, S.	International Journal of Engineering and Advanced Technology	8	6
49.	2019	Data driven scene classification to analyze	Priyadarshini, R., Kayalvizhi,	International	8	

		ADAS	S., Geetha, A., Premkumar, T.	Journal of Recent Technology and Engineering		
50.	2019	An Automatic Detection of Blood Vessel in Retinal Images Using Convolution Neural Network for Diabetic Retinopathy Detection	Raja, C., Balaji, L.	Pattern Recognition and Image Analysis	29	3
51.	2019	An optimal energy consumption based resource management in mobile cloud computing	Sudha, M.R., Sumathi, C.P., Saravanakumar, A.	International Journal of Recent Technology and Engineering	8	
52.	2019	An efficient routing protocol based on polar tracing function for underwater wireless sensor networks for mobility health monitoring system application	Venkateswarulu, B.V., Subbu, N., Ramamurthy, S.	Journal of Medical Systems	43	7
53.	2019	Spectroscopic studies, vibrational analysis and dielectric studies of 2-((3,4-dichlorophenyl imino)methyl)-4-bromophenol	Beena, T., Sudha, L., Nataraj, A., Mariappan, G.	AIP Conference Proceedings	2117	
54.	2019	Analysis of Breast Thermograms Using Asymmetry in Infra-Mammary Curves	Ramya Devi, R., Anandhamala, G.S.	Journal of Medical Systems	43	6
55.	2019	Cooperative and fresher encounter algorithm for reducing delay in MANET	Noor Alleema, N., Siva Kumar, D.	Indonesian Journal of Electrical Engineering and Computer Science	14	3
56.	2019	A Self-Learning Fuzzy Rule-based System for Risk-Level Assessment of Coronary Heart Disease	Priyatharshini, R., Chitrakala, S.	IETE Journal of Research	65	3
57.	2019	Adaptive Fruitfly Based Modified Region Growing Algorithm for Cardiac Fat Segmentation Using Optimal Neural Network	Priya, C., Sudha, S.	Journal of Medical Systems	43	5
58.	2019	Efficiency-Cost Design Optimization for a Stand-alone Rural Microgrid	Shankar, S., Sridhar, A.C., Gopikanna, A., Shankar, V.K.,	2019 IEEE Power and Energy Conference at Illinois, PECE 2019		

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59.	2019	Enhanced H ₂ S gas sensing properties of Mn doped ZnO nanoparticles - An impedance spectroscopic investigation	Sureshkumar, S., Venkatachalapathy, B., Sridhar, T.M.	Materials Research Express	6	7
60.	2019	Monitoring system for industrial applications	Sivakumar, D., Deepak, R., Sdhivya, D., Lakshmi, G.	International Journal of Recent Technology and Engineering	7	6
61.	2019	Optimization of multiplier design in FIR filters	Sivakumar, D., Gurumurthy, J., Balan, B., Thiyakaraj, S.V., Sriram, S., Ahmed, S.A.	International Journal of Recent Technology and Engineering	7	6
62.	2019	Electronic stick for visually impaired people with buzzer alert	Siva Kumar, D., Prem Anand, M., Deepan Raj, K., Thalapathi Raj, P., Yashwanth, R., Yogesh, S.	International Journal of Recent Technology and Engineering	7	6
63.	2019	Portable multi-utility porter system in android applications	Suriya Krishnan, K., Sivakumar, D., Madhumitha, M.K., Kaayathiry, R., Immanuel Ebenezer, R.	International Journal of Recent Technology and Engineering	7	6
64.	2019	Stair climbing robot using star-wheel methodology	Balan, B., Sivakumar, D., Murali Krishna, K.B., Lakshman, N.M., Marthandam, R.	International Journal of Recent Technology and Engineering	7	6
65.	2019	Face recognition using Haar - Cascade classifier for criminal identification	Senthamizh Selvi, R., Sivakumar, D., Sandhya, J.S., Siva Sowmiya, S., Ramya, S., Kanaga Suba Raja, S.	International Journal of Recent Technology and Engineering	7	6
66.	2019	BOT-O-PEDIA - Learning simplified	Sobitha Ahila, S., Sivakumar, D., Suganthan, A., Arunkumar, M., Manish Kumar, S.	International Journal of Recent Technology and Engineering	7	6
67.	2019	Traffic lights analysis and manipulation for	Sobitha Ahila, S., Sivakumar,	International	7	6

		emergency vehicles using deep learning algorithm	D., Naveen Nanda, M., Nivedita, Nair, S.K., Kannan, S.	Journal of Recent Technology and Engineering		
68.	2019	Computerized growth analysis of seeds using deep learning method	Sivakumar, D., Suriyakrishnaan, K., Akshaya, P., Anuja, G.V., Devadharshini, G.T.	International Journal of Recent Technology and Engineering	7	6
69.	2019	Human essential parameters monitoring and precaution system	Deepika, V.G.A., Srivatsan, M.A., Aruthra, B., Babu, B.	International Journal of Recent Technology and Engineering	7	6
70.	2019	Design of mimo antenna for wlan/wimax applications	Sivakumar, D., Sri Arunaa, J., Suresh Babu, T.N.	International Journal of Recent Technology and Engineering	7	6
71.	2019	An adaptive method for monitoring the quality of a structure	Sivakumar, D., Balan, B., Fathima Naseem, K., Dhivya, T., Gayathri, R.	International Journal of Recent Technology and Engineering	7	6
72.	2019	Inkjet-printed phosphorescent Iridium(III) complex based paper sensor for highly selective detection of Hg ²⁺	Ponram, M., Balijapalli, U., Sambath, B., Kulathu Iyer, S., Kakaraparthi, K., Thota, G., Bakthavachalam, V., Cingaram, R., Sung-Ho, J., Natesan Sundaramurthy, K.	Dyes and Pigments	163	
73.	2019	Enforcing the stop line rule using radio frequency identification tags	Abijith, A., Abishek, B., Nihith, K.S.P.V.S.	Proceedings of the 2018 International Conference On Communication, Computing and Internet of Things, IC3IoT 2018		
74.	2019	6-O-tritylchitosan reinforced polycaprolactone nano scaffolds for bone replacement applications - A physicochemical study	Seethalakshmi, K., Venkatachalapathy, B., Kaviya, M., Mubeena, S., Punnoose, A.M., Sridhar, T.M.	Materials Research Express	6	6

75.	2019	Solar Dust Detection System	Kavya, V., Keshav, R.M.R.	2018 International Conference on Power Energy, Environment and Intelligent Control, PEEIC 2018		
76.	2019	Row Guidance Approach for Navigation of Semi-Autonomous Agriculture Wheel Robot	Ramya, D., Sisira, K., Yuvasree, S., Hema, R.	Proceedings - International Conference on Vision Towards Emerging Trends in Communication and Networking, VITECoN 2019		
77.	2019	Novel continuous infant temperature alerting system	Mothi, M.S., Banu, U.S.	2018 9th IEEE Control and System Graduate Research Colloquium, ICSGRC 2018 - Proceeding		
78.	2019	Conversion of non-audible murmur to normal speech based on FR-GMM using non-parallel training adaptation method	Rajesh Kumar, T., Sursh, G.R., Kanaga Subaraja, S.	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2019		
79.	2019	Hybrid Architecture for Integrating Solar PV Irrigation Pumps with Existing Rural Indian Microgrid	Gopikanna, A., Shankar, V.K., Shankar, S., Sridhar, A.C., Vijayaraghavan, V.	GHTC 2018 - IEEE Global Humanitarian Technology Conference, Proceedings		
80.	2019	CFD studies for energy conservation in the HVAC system of a hatchback model passenger car	Hariharan, C., Sanjana, S., Saravanan, S., Shyam Sundar, S., Arun Prakash, S., Antony Aroul Raj, V.			
81.	2019	A study on green banking practices in india and its initiations by Indian banks	Saikumari, V., Sunitha, V., Nandini, A.	Journal of Advanced Research in Dynamical and Control Systems	11	
82.	2019	Comparison of thermography and 3D mammography screening and classification techniques for breast cancer	Krithika, S., Suriya, K., Karthika, R., Priyadharshini, S.	Lecture Notes in Computational Vision and Biomechanics	30	
83.	2019	Fuzzy-Based Cluster Head Amendment (FCHA) Approach to Prolong the Lifetime of Sensor Networks	Ranganathan, R., Somanathan, B., Kannan, K.			
84.	2019	Extraction of sequence of actions from unstructured requirements specification	Geetha, S., Ramamoorthy, S., Kanya, N., Anandha Mala,	Journal of Computational and	16	05-Jun

		document	G.S.	Theoretical Nanoscience		
85.	2019	Volunteer nodes of ant colony optimization routing for minimizing delay in peer to peer MANETs	Alleema, N.N., Kumar, D.S.			
86.	2019	Secure cluster-based data aggregation in wireless sensor networks with aid of ECC	SriVenkateswaran, C., Sivakumar, D.	International Journal of Business Information Systems	31	2
87.	2019	CFD studies on different configurations of drying chamber for thin-layer drying of leaves	Babu, A.K., Kumaresan, G., Antony Aroul Raj, V., Velraj, R.			
88.	2019	Text detection in natural images with hybrid stroke feature transform and high performance deep Convnet computing	Vidhyalakshmi, M., Sudha, S.	Concurrency Computation		
89.	2019	Optimisation of speed control for switched reluctance motor using matrix converter	Sridharan, S., Sudha, S.	International Journal of Computer Aided Engineering and Technology	11	2
90.	2019	Ambient crop field monitoring for improving context based agricultural by mobile sink in WSN	Khan, T.H.F., Kumar, D.S.			
91.	2019	Experimental study on micro-deburring of micro-grooves by Micro-EDM	Boominathan, E., Gowri, S.			
92.	2019	Influences of tool pin profiles on mechanical properties of friction stir welding process of AA8011 aluminum alloy	Giridharan, K., Jaiganesh, V., Padmanabhan, S.			
93.	2019	Priority value based discriminate routing to improve quality of service in mobile ADHOC network	Kannan, K., Devaraju, M., Rosaline, S.	Journal of Advanced Research in Dynamical and Control Systems	11	

94.	2019	Performance enhancement of normal contact ratio gearing system through correction factor	Ravivarman, R., Palaniradja, K., Prabhu Sekar, R.	Journal of Mechanical Engineering and Sciences	13	3
95.	2019	Experimental study on mechanical properties of friction stir welded dissimilar joints of Aluminium alloys AA8011-AA6082	Giridharan, K., Sevel, P., Senthilnathan, K., Muthukumaran, S., Padmanabhan, S.	International Journal of Vehicle Structures and Systems	11	2
96.	2019	Effect of phase change material integration in clay hollow brick composite in building envelope for thermal management of energy efficient buildings	Kumar, S., Arun Prakash, S., Pandiyarajan, V., Geetha, N.B., Antony Aroul Raj, V., Velraj, R.	Journal of Building Physics		
97.	2019	One-step synthesis, characterisation, photocatalytic and bio-medical applications of ZnO nanoplates	Jayaprakash, N., Suresh, R., Rajalakshmi, S., Raja, S., Sundaravadivel, E., Gayathri, M., Sridharan, M.	Materials Technology		