



3.3.1 Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calender Year of Publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number			Link to the upoaded paper/first page on the institutional website
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list	
Academic Year (2022-23)										
1	Accelerating Crop Yield: Multisensor Data Fusion and Machine Learning for Agriculture Text Classification	A Reyana, Sandeep Kautish, PM Sharan Karthik, Ibrahim Ahmed Al-Baltah, Muhammed Basheer Jasser, Ali Wagdy Mohamed	Department of Civil Engineering	IEEE Access	2023	2169-3536	https://ieeaccess.ieee.org/	https://ieeexplore.ieee.org/abstract/document/10054040	YES	view document
2	Blockchain Based Multi Disease Prediction using Support Vector Machine Algorithm	J.Dhanalakshmi	Computer Science and Engineering	International Journal of Industrial Engineering	2023	0970-2555	IIE - Indian Institution of Industrial Engineering (journal-iiie-india.com)	http://www.journal-iiie-india.com/1_may_23/4.3.pdf	YES	view document
3	Prediction of Crop Yield and Weather Forecasting In Farmland using Sensor Data	N.J.Divya	Computer Science and Engineering	International Journal of Research and Analytical Reviews	2023	2349-5138	https://www.ijrar.org	https://www.ijrar.org/papers/IJRARI CZP003.pdf	YES	view document
4	Inappropriate Language and Hate Speech Recognition	S.Suganya	Computer Science and Engineering	Industrial Engineering Journal	2023	0970-2555	IIE - Indian Institution of Industrial Engineering (journal-iiie-india.com)	http://www.journal-iiie-india.com/1_june_23/26_1_6.pdf	YES	view document
5	Prediction System for Bigmart Sales Using Machine Learning	S.Suganya	Computer Science and Engineering	Industrial Engineering Journal	2023	0970-2555	IIE - Indian Institution of Industrial Engineering (journal-iiie-india.com)	46_online.pdf (journal-iiie-india.com)	YES	view document

6	A Compact Penta-Band Low-SAR Antenna Loaded with Split-Ring Resonator for Mobile Applications	Manikandan M, Karthigai Lakshmi S	Electronics and Communication Engineering	International Journal of Antennas and Propagation	2022	1687-5877	https://www.hindawi.com/journals/ijap/	https://doi.org/10.1155/2022/3298866	YES	view document
7	Investigations on Underwater Acoustic Sensor Networks Framework for RLS Enabled LoRa Networks in Disaster Management Applications	Dr. K. Vinoth Kumar	Electronics and Communication Engineering	Journal of Information Science & Engineering	2023	1016-2364	https://jise.iis.sinica.edu.tw/	https://jise.iis.sinica.edu.tw/JISESearch/pages/View/PaperView.jsf?keyId=190_2564	YES	view document
8	Scalable and energy efficient cluster based anomaly detection against denial of service attacks in wireless sensor networks	M Premkumar, SR Ashokkumar, V Jeevanantham, G Mohanbabu	Electronics and Communication Engineering	Wireless Personal Communications	2023	0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-023-10252-3	YES	view document
9	Performance Analysis of Brain Tumour Detection and Diagnosis based on Optimized features and SVM classifier	Rajesh.k, Kannadhasan.S	Electronics and Communication Engineering	International Journal of Scientific Progress & Research	2023	2349-4689	https://www.ijspr.com/#gsc.tab=0	https://www.ijspr.com/citations/v81n3/IJSPR_8103_31207.pdf	NO	view document
10	Heart Attack Detection and Convulsions Monitoring using IoT	Jeyalakshmi.M, Nagapraba.K, Nishitha joan.I, Nivetha.S	Electronics and Communication Engineering	International Journal of Scientific Research in Engineering and Management	2023	2582-3930	https://ijsrem.com/	https://ijsrem.com/download/heart-attack-detection-and-convulsions-monitoring-using-iot/	NO	view document
11	Automatic Detection of Covid19 Infection in X-Ray Images using Deep Convolutional Neural Networks	Jay Fantin V P, Lekhaparani G, Lincy R, Nithika V	Electronics and Communication Engineering	International Journal of Emerging Technologies and Innovative Research	2023	2349-5162	https://www.jetir.org/	http://www.jetir.org/view?paper=JETIR2306382	NO	view document
12	LoRa based Landslide Monitoring System	Vetrimanikumar.J, Sowmiya.M, Sowmiya.S, Suvetha.R, Vedha.R	Electronics and Communication Engineering	International Journal of Scientific Research in Engineering and Management	2023	2582-3930	https://ijsrem.com/	https://ijsrem.com/download/lora-based-landslide-monitoring-system/	NO	view document
13	Implementation of livestock management using IOT and GSM	Geetha A,Brundha G, Chitra S,Febronia J	Electronics and Communication Engineering	International Journal of Scientific Research in Engineering and Management	2023	2582-3930	https://ijsrem.com/	https://drive.google.com/file/d/1oQN96JAdR3ubL7v2fTpuaF1PJVegOBf9/view?usp=drive_link	NO	view document

14	Brain cancer analysis using deep learning architecture on MRI brain image	S.Karthigai Lakshmi	Electronics and Communication Engineering	International Journal of Medical Engineering and Informatics	2022	1755-0661	https://www.inderscience.com/jhome.php?jcode=ijmei	https://www.inderscience.com/jhome.php?jcode=ijmei	YES	view document
15	Security behavior analysis in web of things smart environments using deep belief networks	M Premkumar, SR Ashokkumar, G Mohanbabu, V Jeevanantham	Electronics and Communication Engineering	International Journal of Intelligent Networks	2022	2666-6030	https://www.sciencedirect.com/journal/international-journal-of-intelligent-networks	https://www.sciencedirect.com/science/article/pii/S2666603022000203	YES	view document
16	A Wearable low Profile asymmetrical slotted ultrawide band antenna for WBAN applications	Jayakumar S,Mohanbabu G	Electronics and Communication Engineering	EURASIP Journal on Wireless Communications and Networking	2022	1687-1499	https://jwcn-urasipjournals.springeropen.com/	https://jwcn-urasipjournals.springeropen.com/articles/10.1186/s13638-022-02186-4	YES	view document
17	Weakly supervised deep CNN based COVID-19 detection from chest CT scan images	Sangeetha R, Deiva Nayagm R, Selvathi D, Geeta R	Electronics and Communication Engineering	International Journal of Health Sciences	2022	2550-6978	http://ijhsnet.com/	https://sciencescholar.us/journal/index.php/ijhs/article/view/13453/10173	NO	view document
18	Enhanced Deep Learning Algorithm for Tumour Prediction	Dr.K.Ganapriya	Electronics and Communication Engineering	Advanced Engineering Science	2022	2096-3246	Gongcheng Kexue Yu Jishu/Advanced Engineering Science AES	https://advancedengineeringscience.com/article/447.html	YES	view document
19	Novel Selective Mapping with Oppositional Hosted Cuckoo Optimization Algorithm for PAPR Reduction in 5G UPMC Systems	Dr. K. Vinoth Kumar	Electronics and Communication Engineering	Tehnički vjesnik	2022	1330-3651	Tehnički vjesnik (srce.hr)	https://hrcak.srce.hr/clanak/395133	YES	view document
20	Classification and Segmentation of Brain Tumour using Modified Convolutional Neural Network	S.Karthigai Lakshmi	Electronics and Communication Engineering	NeuroQuantology	2022	1303-5150	https://www.neuroquantology.com/	https://www.neuroquantology.com/open-access/CLASSIFICATION+AND+SEGMENTATION+OF+BRAIN+TUMOUR+USING+MODIFIED+CONVOLUTIONAL+NEURAL+NETWORK_4625/?download=true	NO	view document

21	Development of improved sparrow search-based PI controller for power quality enhancement using UPQC integrated with medical devices	Dr.T.Arulkumar	Electrical and Electronics Engineering	Engineering Applications of Artificial Intelligence (SCIE)	2022	Volume 116, November 2022, 105444	https://www.sciencedirect.com/journal/engineering-applications-of-artificial-intelligence	https://doi.org/10.1016/j.engappai.2022.105444	Yes	view document
22	Scalable and Energy Efficient Cluster Based Anomaly Detection against Dos Attacks in WSN	Dr.G.Mohanbabu	Electrical and Electronics Engineering	Wireless Personal Communications (SCIE)	2023	ISSN:0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-023-10252-3	Yes	view document
23	Experimental investigation of mechanical properties of Palm - Bamboo–Glass fibre composites	M.Muthukannan, P. Shankar Kannan, M.Selwin	Mechanical Engineering	Materials Today: Proceedings	2023	ISSN: 2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785323004728	Yes	view document
24	Comparative analysis on the proposed novel absorber configuration in a solar still	U. Karthick, T. Karthickmunisamy	Mechanical Engineering	Desalination and Water Treatment	2023	ISSN 1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_284/284_2023_1.pdf	Yes	view document
25	Development of Hybrid Artificial Neural Network–Particle Swarm Optimization Model and Comparison of Genetic and Particle Swarm Algorithms for Optimization of Machining Fixture Layout	M. Sabareeswaran	Mechanical Engineering	International Journal of Precision Engineering and Manufacturing	2022	ISSN 2005-4602	https://www.springer.com/journal/12541	https://link.springer.com/article/10.1007/s12541-022-00698-z	Yes	view document
26	Effect of Mechanical Properties of AL7075/Mica Powder Hybrid Metal Matrix Composite	M. Selwin	Mechanical Engineering	Materials Physics and Mechanics	2023	ISSN 1605-2730	https://mpm.spbstu.ru/en/	https://mpm.spbstu.ru/userfiles/files/12-K_-Arunprasath-et-al.pdf	Yes	view document

27	Synthesis, crystal structure, and luminescence properties of rbcaf3: Eu3+ orange-red emitting phosphors for white light emitting diodes	Arumugam Raja, G Annadurai, V Sivasubramani, K Ramachandran, R Kamesh, V Govindan, P Vijayakumar, V Siva, P Ramasamy	PHYSICS	Ceramics International	2023	0272-8842	https://www.sciencedirect.com/journal/ceramics-international	https://www.sciencedirect.com/science/article/abs/pii/S027288422204370X	Yes	view document
28	Applications of Extended Plithogenic Sets in Plithogenic Sociogram.	Sudha.S, Nivetha. M, Smarandache.F	MATHS	International Journal of Neutrosophic Science (IJNS)	2023	Online ISSN2690-6805, PISSN2692-6148	https://www.americaspublishing.com/journals/show/21	https://doi.org/10.54216/IJNS.200401	Yes	view document
29	Neutrosophic MARCOS in Decision Making on Smart Manufacturing System	Nivetha Martin , Said Broumi , S.Sudha and R. Priya	MATHS	Neutrosophic Systems with Applications(An International Journal on Informatics, Decision Science, Intelligent Systems Applications)	2023	eISSN: 2993-7159, pISSN: 2993-7140	https://nswajournal.org/index.php/nswa/index	https://doi.org/10.61356/j.nswa.2023.14	NO	view document
30	MWCNT attached mesoporousag3o4 @nio nanocomposite for hybrid supercapacitor applications	K. K. Purushothaman, B. Saravanakumar, S. Vijayakumar, B. Sethuraman & G. Shanmugam	PHYSICS	Materials Technology Advanced Performance Materials	2022	1066-7857	https://www.tandfonline.com/journals/ymte20	https://doi.org/10.1080/10667857.2022.2135474	Yes	view document

Academic Year (2021-22)										
1	Solar photo-assisted electrochemical peroxidation process for the sustainable treatment of tannery industry wastewater	Selvabharathi Gopal, Adishkumar Somanathan and RajeshBanu Jeyakumar	Department of Civil Engineering	AQUA — Water Infrastructure, Ecosystems and Society	2022	0003-7214	https://iwaponline.com/aqua	https://doi.org/10.2166/aqua.2022.051	Yes	view document
2	Treatment of dairy wastewater by using moving bed biofilm reactor sequential with integrated fixed-film sludge	Selvabharathi Gopal, S. Robert Ravi, Etikala Chinna	Department of Civil Engineering	International Journal of Innovative Research inTechnology	2022	2349-6002	https://ijirt.org/	https://ijirt.org/master/publishedpaper/IJIRT154304_PAPER.pdf	No	view document

3	Applying ANN – PSO Algorithm to Maximize the Compressive Strength and Split Tensile Strength of Blended Self Curing Concrete on the Impact of Supplementary Cementitious Materials	C. Vivek Kumar · K. Sargunan · J. S. S. K. Vasa · V. Praveen Jesuraj · A. Punitha · R. Karthikeyan	Department of Civil Engineering	International Journal on Interactive Design and Manufacturing (IJIDeM)	2022	1955-2513	https://www.springer.com/journal/12008	https://doi.org/10.1007/s12008-022-00907-z	Yes	view document
4	Computerised Investigation of CCD Optimised FRGPC Beam Column Joint Subjected to Quasi-Static Loading	M. P. Karthik & V. Sreevidya	Department of Civil Engineering	Journal of Environmental Protection and Ecology	2022	1311-5065	https://scibulcom.net/en/journal/1311-5065	https://scibulcom.net/en/article/Bu5BhLul60R5BZTUySQT	Yes	view document
5	Combination of Improved Harris's Hawk Optimization with Fuzzy to Improve Clustering in Wireless Sensor Network	Dr.V.Eswaramoorthy, Dr.V.Nivedhitha	Computer Science and Engineering	Journal of Intelligent & Fuzzy Systems	2021	1064-1246	Journal of Intelligent and Fuzzy Systems (scimagojr.com)	Combination of improved Harris's hawk optimization with fuzzy to improve clustering in wireless sensor network - IOS Press	Yes	view document
6	Enhancement of Network Lifetime and Data Security in Underwater Sensor Network Using Leach Protocol.	K.Divya, Mohamed Mubarak,Rajapandiyan , and Larish regan	Electronics and Communication Engineering	International Journal of Advances in Engineering and Management	2022	2395-5252	https://www.ijaem.net/	https://ijaem.net/issue_dcp/Enhancement%20of%20Network%20Lifetime%20and%20Data%20Security%20in%20Underwater%20Sensor%20Network%20Using%20Leach%20Protocol.pdf	No	view document
7	Motor Imagery EEG Recognition using Deep Generative Adversarial Network with EMD for BCI Applications	Vinoth Kumar K	Electronics and Communication Engineering	Tehnicki vjesnik - Technical Gazette	2022	1330-3651	Tehnički vjesnik (srce.hr)	DOI: 10.17559/tv-20210121112228	Yes	view document
8	Performance Improvement of SIMD Processor for High-Speed end Devices in IoT Operation Based on Reversible Logic with Hybrid Adder Configuration	Vinoth Kumar K	Electronics and Communication Engineering	Tehnicki vjesnik - Technical Gazette	2022	1330-3651	Tehnički vjesnik (srce.hr)	10.17559/tv-20210719025814	Yes	view document

9	An efficient framework for glioma tumor classifications and diagnosis using proposed CNN architecture	Premkumar M, Jeevanantham V	Electronics and Communication Engineering	International Journal of Nonlinear Analysis and Applications	2022	1577–1584	https://ijnaa.semnan.ac.ir/article_6514_5af608f1a3dd735a2335cf30362089de.pdf	https://ijnaa.semnan.ac.ir/article_6514_5af608f1a3dd735a2335cf30362089de.pdf	Yes	view document
10	Fuzzy Logic Based DSR Trust Estimation Routing Protocol for MANET Using Evolutionary Algorithms	Vinoth Kumar K	Electronics and Communication Engineering	Tehnicki vjesnik - Technical Gazette	2021	1330-3651	Tehnički vjesnik (srce.hr)	10.17559/tv-20210719025814	Yes	view document
11	Dynamic Defense Mechanism for DoS Attacks in Wireless Environments Using Hybrid Intrusion Detection System and Statistical Approaches	Premkumar M	Electronics and Communication Engineering	Tehnicki vjesnik - Technical Gazette	2022	1330-3651	Tehnički vjesnik (srce.hr)	https://doi.org/10.17559/TV-20210604113859	Yes	view document
12	A Comprehensive Review on Analysis of Cervical Cancer Diagnostic Techniques	Saranya.G., C. Sujatha	Electronics and Communication Engineering	Mathematical Statistician and Engineering Applications	2022	2326-9865	https://philstat.org/index.php/MSEA	https://www.philstat.org.ph/index.php/MSEA/article/view/253	No	view document
13	Intracranial Tumour Bifurcation using Convnet in MRI Image Juncture	S.Karthik, Almaz Habeebun Nazar, A.G. Ayesha Siddiqha, J. Cynthia Eudes, J.Gnana Helina	Electronics and Communication Engineering	International Journal of Information and Computing Science	2022	0972-1347	-	https://drive.google.com/file/d/1bE_IU3St7fKBjukaVp3wozx64eEJnsI/view	No	view document
14	Design of Implantable Antenna for Wireless Bio-Medicalapplications	J. Vetrimanikumar, A. Angulakshmi, G. Gunasri, A. Jovitta	Electronics and Communication Engineering	International journal of Advances in Engineering and Management (IJAEM)	2022	2244-2248	https://www.ijaem.net/	http://ijaem.net/issue_dcp/Design%20of%20Implantable%20Antenna%20for%20Wireless%20Bio%20Medicalapplications.pdf	No	view document
15	A Deep Learning Model For Brain Tumor Segmentation And Classification Using U-Net And Inception-Net	Saranya G, Azhagu kowshik A M, Cibiraj M, Hariharan P, Harish Ramana Kumar G	Electronics and Communication Engineering	ESP Journal of Engineering and Technology Advancements	2022	2583-2646	https://www.espieta.org/	https://drive.google.com/drive/folders/1j9479VaguDUoiTQxMNBjgJvP_KTJdz0p?usp=sharing	No	view document
16	Design and Implementation of Modified F-Slot Elliptical Patch Antenna for 5G Applications	M. Manikandan, R. Harsha Vardhana, P. Iswarya Thangapandiammal, C. Karthigai Prabha	Electronics and Communication Engineering	Journal of Emerging Technologies and Innovative Research	2022	2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR2206561.pdf	No	view documnt

17	Analysis and Adaptive Optimization of Vanet	Nishanth N, Nishanth S, Prabhu.V, S. Karthik	Electronics and Communication Engineering	International journal of Advances in Engineering and Management (IJAEM)	2022	2244-2248	https://www.ijaem.net/	http://www.ijaem.net/current-issue.php?issueid=43	No	view document
18	Secure Patient Data Transmission Using Wireless Sensor Network	Vetrimanikumar.J, Sabitha.D, Sharmila.S, Sowmiya.K, Thenpandi. B	Electronics and Communication Engineering	International journal of Advances in Engineering and Management (IJAEM)	2022	2244-2248	https://www.ijaem.net/	http://ijaem.net/issue_dcp/Secure%20Patient%20Data%20Transmission%20Using%20Wireless%20Sensor%20Network.pdf	No	view document
19	Oil Reheating Analysis Using a Multispectral Image by Machine Learning	S.Sambath, M. Sathishkumar, R.Carol Praveen,	Electronics and Communication Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2022	2582-3930	https://ijsrem.com/	https://ijsrem.com/download/oil-reheating-analysis-using-a-multispectral-image-by-machine-learning/	No	view document
20	Disease Identification in Plants Using K-means Clustering and Classification with ANN	S.Samyuktha Devi, S. SeethaPriya, S. Shamini & Dr.C. Sujatha,	Electronics and Communication Engineering	International Journal of Scientific Research in Engineering and Management	2022	2582-3930	https://ijsrem.com/	https://ijsrem.com/download/disease-identification-in-plants-using-k-means-clustering-and-classification-with-ann/	No	view document
21	Ai Enabled Communication Model for smart Aquaculture	Geetha A, Surya S, Sweetha J, Santhiya G, Sobika V	Electronics and Communication Engineering	ESP Journal of Engineering and Technology Advancements	2022	2583-2646	https://www.espieta.org/	https://www.espieta.org/Volume2-Issue3/JETA-V2I3P103.pdf	No	view document
22	Iot Based Smart Irrigation and Animal Prevention System Using Arduino	Senthil Kumar R, Ambika.M, Boomika P, Haritha N, Pavithra R	Electronics and Communication Engineering	ESP Journal of Engineering and Technology Advancements	2022	2583-2646	https://www.espieta.org/	https://www.espieta.org/Volume2-Issue4/JETA-V2I4P101.pdf	No	view document
23	Optimized Implementation of Reversible Priority Encoder using Nano QCA	Karthigai Lakshmi. S, Saathanna G P, Safreen Fathima M, Sajitha V, Soundharya V	Electronics and Communication Engineering	International Journal of Scientific Research in Engineering and Management	2022	2582-3930	https://ijsrem.com/	https://ijsrem.com/download/optimized-implementation-of-reversible-priority-encoder-using-nano-qca/	No	view document

24	Traffic Sign Recognition using YOLO Architecture for Autonomous Driverless Vehicles	Abirami. S, Sathish Kumar. R, Siva Sakthi Balan. S, Siva Subramanian. P	Electronics and Communication Engineering	International Journal of Advances in Engineering and Management	2022	2395-5252	https://www.ijaem.net/	http://ijaem.net/issue_dcp/Traffic%20Sign%20Recognition%20using%20YOLO%20Architecture%20for%20Autonomous%20Driverless%20Vehicles.pdf	No	view document
25	An effective brain tumor detection system using extended linear boosting classification algorithm	Carol Praveen R	Electronics and Communication Engineering	IETE journal of Research	2021	0377-2063	https://www.tandfonline.com/journals/tijr20	https://doi.org/10.1080/03772063.2021.1948924	Yes	view document
26	Design of cost-effective real time tremor alerting system for patients of neurodegenerative diseases	Premkumar M, Jeevanantham V	Electronics and Communication Engineering	Materials Today Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S214785321066943	Yes	view document
27	Emotion identification by dynamic entropy and ensemble learning from electroencephalogram signals	Premkumar M, Jeevanantham V	Electronics and Communication Engineering	International Journal of Imaging Systems and Technology	2021	1098-1098	https://onlinelibrary.wiley.com/journal/10981098	https://onlinelibrary.wiley.com/doi/abs/10.1002/ima.22670	Yes	view document
28	Dynamic uneven clustering protocol for efficient energy management in EH-WSNs	Premkumar M	Electronics and Communication Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S214785321076860	Yes	view document
29	Design of an EEG-based transceiver with data decomposition for IoHT applications	Premkumar M, Jeevanantham V	Electronics and Communication Engineering	Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)	2021	2768-0673	https://ieeexplore.ieee.org	https://ieeexplore.ieee.org/abstract/document/9641040	Yes	view document
30	Effective Hybrid Technique in Security Based Wireless Sensor Network	Vinoth Kumar K	Electronics and Communication Engineering	Journal of Computational and Theoretical Nanoscience,	2021	1546-1955	http://www.aspbs.com/ctn/	https://doi.org/10.1166/jctn.2021.9381	Yes	view document
31	Investigation on thermal energy aware routing in integrated network for efficient energy storage	Vinoth Kumar K	Electronics and Communication Engineering	Materials Today Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2022.04.980	Yes	view document

32	Thermal analysis of Alzheimer's disease prediction using random forest classification model	Vinoth Kumar K	Electronics and Communication Engineering	Materials Today Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322024993	Yes	view document
33	An optimal lightweight cryptography with metaheuristic algorithm for privacy preserving data transmission mechanism and mechanical design in vehicular adhoc network	Vinoth Kumar K	Electronics and Communication Engineering	Materials Today Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322024452	Yes	view document
34	Dynamic Defense Mechanism for DoS Attacks in Wireless Environments Using Hybrid Intrusion Detection System and Statistical Approaches	Dr.G.Mohanbabu	Electrical and Electronics Engineering	Intrusion Detection System and Statistical Approaches (Scopus & SCIE)	2022	ISSN 1330-3651 (Print), ISSN 1848-6339 (Online)	https://hrca.srce.hr/file/398890	https://doi.org/10.17559/TV-20210604113859	Yes	view document
35	Energy Conservation of Adiabatic ECRL-Based Kogge- Stone Adder Circuits for FFT Applications	Dr.G.Mohanbabu	Electrical and Electronics Engineering	Intelligent Automation & Soft Computing (Scopus)	2022	ISSN:1079-8587(print) ISSN:2326-005X (online)	https://www.techscience.com/journal/iasc	DOI:10.3260 4/iasc.2022.0 21663	Yes	view document
36	Emotion identification by dynamic entropy and ensemble learning from electroencephalogram signals	Dr.G.Mohanbabu	Electrical and Electronics Engineering	International Journal of Imaging Systems and Technology (Scopus & SCIE)	2021	ISSN 0899-9457	https://onlinelibrary.wiley.com/journal/10981098	https://doi.org/10.1002/ima.22670	Yes	view document
37	An Effective Brain Tumor Detection System Using Extended Linear Boosting (ELB) Classification Algorithm	Dr.G.Mohanbabu	Electrical and Electronics Engineering	IETE Journal of Research (Scopus & SCIE)	2021	ISSN 0377-2063	https://www.tandfonline.com/journals/tijr20	https://doi.org/10.1080/03772063.2021.1948924	Yes	view document
38	Design of cost-effective real time tremor alerting system for patients of neurodegenerative diseases	Dr.G.Mohanbabu	Electrical and Electronics Engineering	Elsevier - Materials today : Proceedings (SCIE)	2022	ISSN 2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2021.10.187	Yes	view document

39	Mathematical Modeling of Enhanced Whale Optimization Based Power Quality Enhancement Using Unified Power Quality Conditioner for Implantable Biomedical Devices	Mr.T.Arulkumar	Electrical and Electronics Engineering	Journal of Medical Imaging and Health Informatics	2021	0	https://doi.org/10.1166/jmihi.2021.3900	https://doi.org/10.1166/jmihi.2021.3900	No	view document
40	Cohesive DS-PID and FQL Control Mechanisms to Enhance the Performance of the Electric Vehicle System	Mr.P.Siva Subramanian	Electrical and Electronics Engineering	ElektronikaIrElektro t echnika (Scopus)	2022	ISSN 1392-1215, VOL. 28, NO. 2, 2022	https://eejournal.ktu.lt/index.php/elt	https://doi.org/10.5755/j02.eie.30492	Yes	view document
41	Optimization of Flexible Manufacturing Systems Using IoT	V. Kandavel	Mechanical Engineering	BOHR International Journal of Engineering	2022	ISSN: 2583-8571	http://www.bohrpub.com/	https://bohrpub.com/article/BIJE_20221108.pdf	No	view document
42	An Internet – of – Things Enabled Smart Fire Fighting System	Dr. V. Kandavel Dr. R. Subha	Mechanical Engineering	BOHR International Journal of Engineering	2022	ISSN: 2583-8571	https://journals.bohrpub.com/index.php/bijiam/article/view/45	https://journals.bohrpub.com/index.php/bijiam/article/view/45	No	view document
43	Analysis of Biodegradable 3D Printing Material by Natural Fibre Reinforcement	Mr. M. Selwin Mr. P. Dheenathayalan	Mechanical Engineering	International Journal of Scientific Research in Engineering and Management	2022	2582-3930	https://ijsrem.com/	https://ijsrem.com/download/analysis-of-biodegradable-3d-printing-material-by-natural-fibre-reinforcement	No	view document
44	Studies on Mechanical and Morphological of TIG welded aluminium alloy	Mr. B. Aravindh	Mechanical Engineering	Materials Today Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://drive.google.com/file/d/1BohblEDXoeSF_E271ZYb_GtjByGLJVdD/view?usp=share_link	Yes	view document
45	Experimental Characteristics and optimization of friction Stir Welded AA5052-AA6061 using RSM Technique	Mr. B. Aravindh	Mechanical Engineering	Materials Today Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785321077737	Yes	view document

46	Design and Fabrication of Seed Sowing Machine by using Electro-Pneumatic System	Dr. V. Kandavel Mr. U. Karthick Dr. R. Subha Dr. G. Sankaranarayanan Dr. M. Sabareeswaran	Mechanical Engineering	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2021	2321-5526	https://ijireeice.com/about-us/	https://ijireeice.com/wp-content/uploads/2021/12/IJIREEICE.2021.91207.pdf	No	view document
47	Impact of compression ratio and effect of biodiesel blends in performance, combustion and emission characteristics of VCR DI diesel engine	Dr.S. Joseph Dominic Vijayakumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320346368#:~:text=The%20decrease%20of%20BSFC%20is,volatility%20and%20CN%20of%20MOME	Yes	view document
48	Plithogenic CRITIC-MAIRCA Ranking of Feasible Livestock Feeding Stuffs	Sudha.S, Nivetha. M, Said Broumi	MATHS	International Journal of Neutrosophic Science (IJNS) (ASPG)	2022	Online ISSN2690-6805, PIISSN2692-6148	https://www.americaspj.com/journals/show/21	https://doi.org/10.54216/IJNS.180415	Yes	view document
49	Chromium oxide regulated nanoparticles biosynthesis in Manihot esculenta leaf extract.	K.Thara, Ignatius Navis Karthika, Dr.M.S. Dheenadayalan	CHEMISTRY	Elsevier-Materials Today	2021	1448-1452	https://www.sciencedirect.com/science/article/abs/pii/S2214785321050835	https://doi.org/10.1016/j.matpr.2021.07.224	Yes	view document
50	Exasperation, Animosity and Determination in Shobha De's Sisters	P.Kothai Natchiar, K. M. Sumathi	ENGLISH	KALA -The Journal of Indian Art History Congress	2022	ISSN: 0975-7945	-	-	No	view document
51	Significance of Motherhood in Shbha De's Novels Socialite Evenings and Starry Nights	P.Kothai Natchiar, K. M. Sumathi	ENGLISH	Sambodhi	2022	ISSN:2249-6661	-	-	No	view document
52	Optimization of Fuzzy Integrated Inventory Model with Ordering Cost Reduction Dependent on Lead Time	R. Vithyadevi, and K. Annadurai	MATHS	International Journal of Operations Research	2021	ISSN: 18137148 (on-line), ISSN: 1813-713X(Print)	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000909&flag=Search	http://doi.org/10.6886/IJOR.202112_18(4).0001	Yes	view document

Academic Year (2020-21)

1	Experimental Study On Self-Healing Of Rigid Pavements	Praveen Jesuraj.V, Dr. Sreevidya.V,Sethu Arun. A.S,Gowtham Veera Ganesh.R,Thesingu Raja. J,Tharun Kumar.k	Department of Civil Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2021	2582-3930	https://ijsrem.com/	http://ijsrem.com/volume-05-issue-06-june-2021/	No	view document
2	Removal of Chromium using Vigno Mungo as a Biosorbent in Tannery Effluent at Dindigul District	K.Thara, G. Selvabharathi, Dr.M.S. Dheenadayalan	Department of Civil Engineering	Strad Research, (Web of Science) , 2020, ISSN: 0039-2049	2020	0039-2049	-	https://doi.org/10.37896/sr7.8/070	No	view document
3	Effectiveness of industrial waste materials used as ingredients in fly ash brick manufacturing	T.Balasubramaniam; P. M.Sharan Karthik; S. Sureshkumar; M. Bharath; M.Arun.	Department of Civil Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.materialstoday.com/proceedings/	https://doi.org/10.1016/j.matpr.2020.12.410	Yes	view document
4	Experimental Study Of An Eco-Friendly Paver Block	Praveen Jesuraj.V, Dhineshwaran.M, Manibalan.M,Rajesh.M, Vishnuram.M	Department of Civil Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020	2582-3930	https://ijsrem.com/	http://ijsrem.com/volume-04-issue-08-august-2020/	No	view document
5	Improving Network Longevity in Wireless Sensor Networks Using an Evolutionary Optimization Approach	V. Nivedhitha	Computer Science and Engineering	Intelligent Automation & Soft Computing	2021	-	IASC-Intelligent Automation & Soft Computing An Open Access Journal from Tech Science Press	Improving Network Longevity in Wireless Sensor Networks Using an Evolutionary Optimization Approach (techscience.com)	Yes	view document
6	Transformation of Education Rooms into Smart Environments in Post Pandemic Period using	Dr. V. Eswaramoorthy, V. Nivedhitha, S. Deepika, N.Padmapriya	Computer Science and Engineering	IOT Annals of the Romanian Society for Cell Biology	2021	1583-6258	https://annalsofscb.ro/index.php/journal/article/view/4388/3528	https://annalsofscb.ro/index.php/journal/article/view/4388/3528	Yes	view document
7	Weather Forecast Warning System using Big Data and Naive Bayes Classification Algorithm	Dr. V. Shunmughavel	Computer Science and Engineering	MuktShabd Journal	2020	2347-3150	Mukt Shabd Journal – UGC CARE LIST GROUP – I JOURNAL (shabdbooks.com)	https://drive.google.com/file/d/1BjCKb87BdSL0hq3bry029HgYW6Hu3-br/view	Yes	view document
8	A survey on the Rise of Social BOT detection techniques and Research Challenges	Dr. V. Shunmughavel	Computer Science and Engineering	MuktShabd Journal	2020	2347-3150	Mukt Shabd Journal – UGC CARE LIST GROUP – I JOURNAL (shabdbooks.com)	https://app.box.com/s/zz04er6mltmgmjxqjza2tyb13dnzjil	Yes	view document

9	A survey on Blockchain Architecture, Applications and Challenges	Dr. V. Shunmughavel, S. Sureshkumar	Computer Science and Engineering	MuktShabd Journal	2020	2347-3150	Mukt Shabd Journal – UGC CARE LIST GROUP – I JOURNAL (shabdbooks.com)	https://drive.google.com/file/d/12spvADgywZ6Mkvzkc3_ElkKTGBxCOik/view	Yes	view document
10	DMEERP: A dynamic multi-hop energy efficient routing protocol for WSN	V. Nivedhitha	Computer Science and Engineering	Microprocessors and Microsystems	2020	0141-9331	Microprocessors and Microsystems Journal ScienceDirect.com by Elsevier	https://doi.org/10.1016/j.micpro.2020.103291	Yes	view document
11	Electronic Health Record System that deals with uncertainty	N.Padmapriya	Computer Science and Engineering	MuktShabd Journal	2020	2347-3150	Mukt Shabd Journal – UGC CARE LIST GROUP – I JOURNAL (shabdbooks.com)	https://drive.google.com/file/d/1mfaSiGoV6Y4WGZlVa0Yz995sc2oWzkqY/view	Yes	view document
12	Filtering Fake product Reviews By using n Gram Approach	N.Padmapriya	Computer Science and Engineering	MuktShabd Journal	2020	2347-3150	Mukt Shabd Journal – UGC CARE LIST GROUP – I JOURNAL (shabdbooks.com)	https://www.readkong.com/page/filtering-fake-product-reviews-by-using-n-gram-approach-4610225	Yes	view document
13	An efficient noise immune image edge segmentation algorithm in wavelet domain	Dr.S.Karthigai Lakshmi Dr. C.Sujatha Mrs. G. Saranya	Electronics and Communication Engineering	Mukt Shabd Journal	2020	ISSN: 2347-3150	https://shabdbooks.com/	https://app.box.com/s/u8xafdnuf05ag2n1u20ce16jl0x8sbz4	Yes	view document
14	Design and implementation of carry Look ahead generator in reversible logic using nano QCA	Dr.S.Karthigai Lakshmi Dr. C.Sujatha	Electronics and Communication Engineering	IOP Conf. Series: Materials Science and Engineering	2021	ISSN: 17578981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/1059/1/012013	No	view document
15	Detection of Epileptic Seizure Based on EEG Signals Using Ensemble And LSTM Approach	Dr. C.Sujatha	Electronics and Communication Engineering	Journal of Scientific Research in Engineering and Management	2020	ISSN: 2582-3930	https://ijsrem.com/	http://ijsrem.com/volume-04-issue-06-june-2020/	No	view document

16	An optimized Deep learning network model for EEG based seizure classification using synchronization and connectivity measures	Dr. G Mohanbabu Mr.S. R.Ashokkumar	Electronics and Communication Engineering	Journal of Ambient intelligence and Humanized computing	2020	ISSN: 1868-5145	https://link.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-020-02383-3	Yes	view document
17	A Survey of Computer-aided diagnosis of MRI Based Brain Tumor Detection and Classification	Dr. G Mohanbabu Mr.V. Jeevanantham	Electronics and Communication Engineering	Wutan Huatan Jisuan Jishu	2020	ISSN:1001-1749	https://wthtsjs.cn/	http://wthtsjs.cn/gallery/6-whji-aug-5315.pdf	Yes	view document
18	Detection and diagnosis of brain tumors-framework using extreme machine learning and CANFIS classification algorithms	Dr. G Mohanbabu Mr.V. Jeevanantham	Electronics and Communication Engineering	International Journal of Imaging Syst Technology	2020	10.1002/ima.22479	https://onlinelibrary.wiley.com/journal/10981098	https://onlinelibrary.wiley.com/doi/abs/10.1002/ima.22479	Yes	view document
19	Fusion Of Different Medical Sensor Using Local Laplacian Pyramid Transform	Dr.K.Rajesh	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	e-ISSN: 2395-0056 , p-ISSN: 2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i6/IRJET-V7I6814.pdf	No	view document
20	Stack Based Configurable Logic Gates Technology For Ip Cores	Dr.K.Rajesh	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	e-ISSN: 2395-0056, p-ISSN: 2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i6/IRJET-V7I6574.pdf	No	view document
21	Fake News Detection Using Deep Learning	Mrs.M.Jeyalakshmi	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	e-ISSN: 2395-0056, p-ISSN: 2395-0073	https://www.irjet.net/	https://www.irjet.net/archives/V7/i8/IRJET-V7I8688.pdf	No	view document
22	An CNNs Based Robust Iris Segmentation	Mrs.M.Jeyalakshmi	Electronics and Communication Engineering	Juni Khyat	2020	ISSN: 2278-4632	http://junikhyatjournal.in/	http://junikhyatjournal.in/no_8_jun_20/21.pdf	Yes	view document
23	Efficient majority logic subtractor design using multilayer crossover in quantum-dot cellular automata	Mrs.M.Jeyalakshmi	Electronics and Communication Engineering	Journal of Nanophotonics	2020	doi.org/10.1117/1.JNP.14.036011	https://www.spiedigitallibrary.org/journals/journal-of-nanophotonics/volume-14/issue-3/036011/Efficient-majority-logic-subtractor-design-using-multilayer-crossover-in-quantum/10.1117/1.JNP.14.036011.short	https://www.spiedigitallibrary.org/journals/journal-of-nanophotonics/volume-14/issue-3/036011/Efficient-majority-logic-subtractor-design-using-multilayer-crossover-in-quantum/10.1117/1.JNP.14.036011.short	Yes	view document

24	Design of Compact UWB antenna for the Detection of Breast Cancer Tumor	Mr. S. Dhamodharan Dr. G Mohanbabu	Electronics and Communication Engineering	International Journal of Advanced Science and Technology	2020	ISSN:2207-6360	http://serse.org/journals/index.php/IJAST/index	http://serse.org/journals/index.php/IJAST/article/view/6735/4044	Yes	view document
25	Application of Semantic Segmentation networking based segmentation and google net CNN for MRI images of Brain tumour	Mr.R.Carol Praveen	Electronics and Communication Engineering	Journal of Critical Reviews	2020	ISSN:2394-5125	https://www.scimagojr.com/journalsearch.php?q=21100920227&tip=sid&clean=0	http://www.jcreview.com/fulltext/197-1601461278-adt-1.pdf	Yes	view document
26	DLDLM: Deep learning-based defense mechanism for denial of service attacks in wireless sensor networks	Mr.M.Premkumar	Electronics and Communication Engineering	Microprocessors and Microsystems	2020	ISSN: 0141-9331	https://www.sciencedirect.com/journal/microprocessors-and-microsystems	https://www.sciencedirect.com/science/article/abs/pii/S0141933120304373	Yes	view document
27	Defense Countermeasures for DoS Attacks in WSNs Using Deep Radial Basis Networks	Mr.M.Premkumar	Electronics and Communication Engineering	Wireless Personal Communications	2021	ISSN: 0929-6212	https://link.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-021-08545-6	Yes	view document
28	AN Efficient Distributed Denial of Service Attack Detection Approach based on set of Classification Algorithms using Spark	Mr.M.Premkumar	Electronics and Communication Engineering	Journal of Critical Reviews	2020	ISSN:2394-5125	https://www.scimagojr.com/journalsearch.php?q=21100920227&tip=sid&clean=0	http://www.jcreview.com/fulltext/197-1600192295.pdf	Yes	view document
29	A Novel Approach Based on Eigen Vector Methods and Hybrid BOA-SVM optimization Techniques for the Classification of Epileptic Seizure	Mr.M.Premkumar Dr. G Mohanbabu Mr.S. R.Ashokkumar Mr.V. Jeevanantham	Electronics and Communication Engineering	Solid State Technology	2020	ISSN:0038-111X	https://www.solidstatetechnology.us/index.php/JSST	http://solidstatetechnology.us/index.php/JSST/article/view/7829	Yes	view document
30	Implementation of deep neural networks for classifying electroencephalogram signal using fractional S-transform for epileptic seizure detection	Mr.M.Premkumar Dr. G Mohanbabu Mr.S. R.Ashokkumar Mr.V. Jeevanantham	Electronics and Communication Engineering	International Journal of Imaging Systems and Technology	2021	ISSN:1098-1098	https://onlinelibrary.wiley.com/journal/10981098	https://onlinelibrary.wiley.com/doi/abs/10.1002/ima.22565	Yes	view document

31	Paddy Leaf Disease Detection Using an Optimized Deep Neural Network	Dr. K. Vinothkumar	Electronics and Communication Engineering	CMC-Computers, Materials & Continua	2021	ISSN:1546-2226	https://www.techscience.com/journal/cmc	https://www.techscience.com/cmc/v68n1/41792	Yes	view document
32	SOECS: Scheduling based Optimal Energy Clustering Scheme for WSN	Dr. K. Vinothkumar	Electronics and Communication Engineering	Annals of the Romanian Society for Cell Biology	2021	ISSN:1546-2226	https://annalsofscb.ro/index.php/journal	http://annalsofscb.ro/index.php/journal/article/view/556	Yes	view document
33	SCEER: Secure cluster based efficient energy routing scheme for wireless sensor networks	Dr. K. Vinothkumar Mrs. Parameswari. A	Electronics and Communication Engineering	Materials Today: Proceedings	2021	ISSN:2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785320408144?via%3Dihub	Yes	view document
34	An Intelligent Particle Swarm Optimization with Convolutional Neural Network for Diabetic Retinopathy Classification Model	Dr. K. Vinothkumar	Electronics and Communication Engineering	Journal of Medical Imaging and Health Informatics	2021	ISSN: 2156-7018	http://www.aspbs.com/jmihi.html	https://doi.org/10.1166/jmihi.2021.3362	Yes	view document
35	Investigation of AODV and DSR directing convention in remote systems	Mrs. Parameswari. A	Electronics and Communication Engineering	International Journal of Advanced Research Trends in Engineering and Technology	2020	ISSN: 2394-3785	https://ijartet.com/	https://ijartet.com/4010/v7i7/journal	No	view document
36	Automatic Sericulture Monitoring Using Image Processing	Mrs. Parameswari. A	Electronics and Communication Engineering	International Journal of Advanced Research in Management, Architecture, Technology and Engineering	2021	ISSN: 2454-9762	https://www.ijarmate.com/	https://www.ijarmate.com/index.php?option=com_login&view=tjournal&fname=v7i4	No	view document
37	Recognition of fly species-locust based on improved resnet	Mr. J. Vetrimanikumar	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2021	e-ISSN: 2395-0056, p-ISSN: 2395-0073	https://www.irjet.net/	https://www.irjet.net/archives/V8/i4/IRJET-V8I427.pdf	No	view document
38	Development of an iron powder metallurgy soft magnetic composite core switched reluctance motor	K. Vijayakumar, Y. Thiagarajan, R. Rajendrakumar, A. Joseph Basanth, S. Kannan	Electrical and Electronics Engineering	Materials today: Elsevier Volume 41, Part 5 - Pages 1195-1201	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today	https://doi.org/10.1016/j.matpr.2020.10.346	Yes	view document

39	Viscoelastic characteristic iron powder core for reducing vibration and noise radiated by switched reluctance machine	K.Vijayakumar, A. Joseph Basanth, R. Karthikeyan, V. Sivakumar, N. Balamurugan, C. Shanmuga Sundaram	Electrical and Electronics Engineering	Materials today: Elsevier -Volume 33, Part 5 - Pages 2255-2263	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today	https://www.sciencedirect.com/science/journal/22147853/33/part/P5	Yes	view document
40	Next Generation Advanced Core Material for Reluctance Machine	K.Vijayakumar	Electrical and Electronics Engineering	Technical Volume of 35th Indian Engineering Congress, Volume 9, Pages 645-650,	2020	2214-7853	https://www.researchgate.net/publication/353480865_Engineering_for_Self_Reliance_and_Sustainable_Goals_Next_Generation_Advanced_Core_Material_for_Reluctance_Machine	https://www.researchgate.net/publication/353480865_Engineering_for_Self_Reliance_and_Sustainable_Goals_Next_Generation_Advanced_Core_Material_for_Reluctance_Machine	No	view document
41	An Investigation on Wireless Power Transfer for Electric Vehicles	Mr.D.Manoj	Electrical and Electronics Engineering	International Journal of Advanced Science and Technology, Vol. 29, No.4, Pages. 5510-5517	2020	2005-4238	http://serse.org/journals/index.php/IJAST/index	http://serse.org/journals/index.php/IJAST/article/view/26003	No	view document
42	A novel method for segmenting brain tumor using modified watershed algorithm in MRI image with FPGA	Mr.V.Sivakumar	Electrical and Electronics Engineering	Biosystems, vol. 198, P. 104-226	2020	0303-2647	https://www.sciencedirect.com/journal/biosystems	https://pubmed.ncbi.nlm.nih.gov/32861800/	Yes	view document
43	Online Monitoring of Distribution Transformer using IoT	Dr.N.Balamurugan, S. Rishya Dora, A.Karthick, M.Sathish Kumar, R. Dhamodharan	Electrical and Electronics Engineering	International Research Journal of Engineering and Technology(IRJET)	2020	2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i7/IRJET-V7I71013.pdf	No	view document
44	Crashworthiness and comparative analysis of polygonal single and bi-tubular structures under axial loading–experiments and FE modelling	Mr.I. Vimalkannan`	Mechanical Engineering	Journal of Theoretical and Applied Mechanics	2021	1429-2955	http://jtam.pl/	http://jtam.pl/Crashworthiness-and-comparative-analysis-of-polygonal-single-and-bi-tubular-structures_128901.0.2.html	Yes	view document
45	Parametric Effect and Laser beam machining of Rhenium Diboride based molybdenum metal matrix	Dr.S. Joseph Dominic Vijayakumar,	Mechanical Engineering	Advances in Industrial Automation and Smart Manufacturing	2020	2195-4356	https://link.springer.com/book/10.1007/978-981-15-4739-3	https://link.springer.com/chapter/10.1007/978-981-15-4739-3_64	Yes	view document

46	Experimental prediction and investigation of spring back in 'V' bending profile process modelling using artificial neural network	M.Saravanan	Mechanical Engineering	International Journal of Rapid Manufacturing	2020	International Journal of Rapid Manufacturing	https://www.inderscienceonline.com/journal/ijrapidm	https://www.inderscienceonline.com/doi/abs/10.1504/IJRAPIDM.2020.110775	Yes	view document
47	Machining and abrasive wear performance of tantalum carbide based stellite metal matrix composite	P. Ganesan, S. Paul Singarayar, S. Joseph Dominic Vijayakumar,S, Sridhar, D, Madan,D	Mechanical Engineering	AIP conference proceedings	2020	00001984, 00002005, 00001983	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2283/1/020054/948096/Machining-and-abrasive-wear-performance-of	Yes	view document
48	Managerial decision making using best worst method with multi-valued neutrosophic approach	Nivetha Martin And S. Sudha	MATHS	Advances in Mathematics: Scientific Journal (ADV MATH SCI JOURNAL)	2020	PISSN: 1857-8365, eISSN 1857-8438	https://www.research-publication.com/amsj/	DOI: https://doi.org/10.37418/amsj.9.4.32	Yes	view document
49	An integrated production-distribution inventory system for deteriorating products in fuzzy environment	Hemalatha, S., & Annadurai, K.	MATHS	Malaya Journal of Matematik	2020	-	-	https://doi.org/10.26637/MJM0804/0033	Yes	view document
50	A comparative study of removal of Ni (II) ion using low cost carbonaceous sorption	K.Thara, A. Jansi Priya, Dr.M.S.Dheenadayalan	CHEMISTRY	AIP Conference Proceedings	2020	0094-243X	https://pubs.aip.org/aip/acp/article/2270/1/060007/723858/A-comparative-study-of-removal-of-Ni-II-ion-using	https://doi.org/10.1063/5.0019631	No	view document
51	Removal of Chromium using Vigno Mungo as a Biosorbent in Tannery Effluent at Dindigul District	K.Thara, G. Selvabharathi, Dr.M.S. Dheenadayalan	CHEMISTRY	Strad Research, (Web of Science) , 2020, ISSN: 0039-2049	2020	0039-2049	-	https://doi.org/10.37896/sr7.8/070	No	view document

Academic Year (2019-20)										
1	A study of light weight concrete by using ceramic Waste as a replacement of aggregates	Praveen Jesuraj.V, Dr. Sreevidya.V	Department of Civil Engineering	International Journal of Scientific Research in Engineering and Management (IJSREM)	2020	2582-3930	https://ijsrem.com/	http://ijsrem.com/volume-04-issue-04-april2020/	No	view document

2	Experimental Analysis on LECA as Fractional Substitution for Sand in Mortaring and Concreting	M. P. Karthik & V. Sreevidya	Department of Civil Engineering	International Journal for Research in Applied Science & Engineering Technology	2020	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/ijraset-volume/volume8-issueVI-june2020	No	view document
3	Experimental Investigation on Replacement of Plastic in Building Blocks	G.Selvabharathi, K. Lakshmiganth, B. Manikandan, T K.Ragul	Department of Civil Engineering	International Journal of Information and Computing Science	2019	0972-1347	https://joics.org/	http://ijics.com/gallery/54-july-1438.pdf	No	view document
4	Correlation Between Surface Absorption and Chloride Ion Penetration of Concrete with Nano Silica and its Corrosion Resistance	R Vandhiyan, EB Pillai, S Lingeswari	Department of Civil Engineering	Journal of Environmental Protection and Technology	2019	1311-5065	https://scibulcom.net/en/journal/1311-5065	https://scibulcom.net/en/article/AOKdgv7TWD4yxPumrwF8	Yes	view document
5	Study of stabilization of red soil by using Recron -3s, Flyash & Lime	G.Selvabharathi, Sonika, S.Shobana, K. Salma, G.Swetha	Department of Civil Engineering	International Journal of Information and Computing Science	2019	0972-1347	https://joics.org/	http://ijics.com/gallery/53-july-1437.pdf	No	view document
6	SDARP: Security based Data Aware Routing Protocol for ad hoc sensor networks	Dr.V.Nivedhitha, Dr.V. Eswaramoorthy	Computer Science and Engineering	International Journal of Intelligent Networks	2020	2666-6030	International Journal of Intelligent Networks ScienceDirect.com by Elsevier	SDARP: Security based Data Aware Routing Protocol for ad hoc sensor networks (sciencedirectassets.com)	Yes	view document
7	Fish Detection and classification using supervised machine learning	Dr.V.Eswaramoorthy	Computer Science and Engineering	MuktShabd Journal	2020	2347-3150	Mukt Shabd Journal – UGC CARE LIST GROUP – I JOURNAL (shabdbooks.com)	514-may-2020.pdf - Google Drive	Yes	view document
8	Hybrid Learning Model for Anomaly Detection and Automatic Labeling for Heart Disease Prediction	Dr.V.Nivedhitha	Computer Science and Engineering	MuktShabd Journal	2020	2347-3150	Mukt Shabd Journal – UGC CARE LIST GROUP – I JOURNAL (shabdbooks.com)	https://drive.google.com/file/d/15bdWEgQ2weFoOExQY2dEv3vfw1ofGrt2/view	Yes	view document
9	Photo sharing in online sharing sites in trust-based privacy	Dr. V. Eswaramoorthy	Computer Science and Engineering	MuktShabd Journal	2020	2347-3150	Microprocessors and Microsystems Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1bzR4Ab7wVVEIFPp-g88MQNQSS52NYa4-Q/view	Yes	view document

10	A Secure and High capacity Data Hiding method using Arnold Transform and chaotic scrambling	S.Karthigai Lakshmi	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	ISSN: 2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i5/IRJET-V7I5316.pdf	No	view document
11	Brain tumor Simple Linear Iterative Clustering Segmentation using Chan -vese Contour	S.Karthigai Lakshmi	Electronics and Communication Engineering	Juni Khyat Journal	2020	ISSN: 2278-4632		http://junikhyatjournal.in/no_8_jun_20/24.pdf	Yes	view document
12	A novel two-band equilateral wavelet filter bank method for an automated detection of seizure from EEG signals	G Mohanbabu S.R. Ashokkumar	Electronics and Communication Engineering	International journal of imaging systems and technology- Wiley	2020	ISSN: 1098-1098	https://onlinelibrary.wiley.com/journal/10981098	https://onlinelibrary.wiley.com/doi/abs/10.1002/ima.22441	Yes	view document
13	Extreme learning adaptive neuro-fuzzy inference system model for classifying the epilepsy using Q-Tuned wavelet transform	G Mohanbabu S.R. Ashokkumar	Electronics and Communication Engineering	Journal of Intelligent & Fuzzy Systems	2020	ISSN: 1064-1246	https://www.iospress.com/catalog/journal-s/journal-of-intelligent-and-fuzzy-systems	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs191015	Yes	view document
14	A novel approach based on BSPCI for quantifying functional connectivity pattern of the brain's region for the classification of epileptic seizure	Dr. G Mohanbabu	Electronics and Communication Engineering	Journal of ambient intelligence and humanized computing	2020	ISSN: 1868-5137	https://link.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-020-01774-w#:~:text=The%20Wilcoxon%20rank%2Dsum%20method,and%20seizure%20free%20EEG%20signals	Yes	view document
15	Characterizing Functional Connectivity Network Based on Multi-Domain Analysis for Epilepsy Classification	Dr. G Mohanbabu S.R. Ashokkumar	Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering	2020	ISSN: 2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i3/C9025019320.pdf	Yes	view document
16	An Efficient Lossless Algorithm for EEG Signal Compression using Wavelet Transform	C.Sujatha	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	ISSN: 2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i4/IRJET-V7I4652.pdf	No	view document

17	Ingenious Traffic Control System with Green Signal Timings using Image Processing	C.Sujatha	Electronics and Communication Engineering	Advanced Science, Engineering and Medicine	2020	ISSN: 2164-6627	http://www.aspbs.com/asem/	https://www.ingentaconnect.com/contentone/asp/asem/2020/00000012/00000003/art00005	No	view document
18	SDARP: Security based Data Aware Routing Protocol for Ad hoc Sensor Networks	K. Vinothkumar	Electronics and Communication Engineering	International Journal of Intelligent Networks	2020	ISSN: 2666-6030	https://www.sciencedirect.com/journal/international-journal-of-intelligent-networks	https://www.sciencedirect.com/science/article/pii/S2666603020300051	Yes	view document
19	Automated kitchen management and provisions monitoring system using IOT technology	K. Vinothkumar	Electronics and Communication Engineering	International Journal of Control and Automation	2020	ISSN: 2005-4297	http://serc.org/journals/index.php/IJCA/index	http://serc.org/journals/index.php/IJCA/article/view/11225	Yes	view document
20	A hybrid secure aware routing protocol for authentication in MANET	K. Vinothkumar	Electronics and Communication Engineering	International Journal of Advanced Science and Technology	2020	ISSN: 2005-4238	http://serc.org/journals/index.php/IJAST/index	http://serc.org/journals/index.php/IJAST/article/view/11571	Yes	view document
21	Likelihood based Node Fitness Evaluation Method for Data Authentication in MANET	K. Vinothkumar	Electronics and Communication Engineering	International Journal of Advanced Science and Technology,	2020	ISSN: 2005-4238	http://serc.org/journals/index.php/IJAST/index	http://serc.org/journals/index.php/IJAST/article/view/6468	Yes	view document
22	Trilateration based Localization method Using Mobile Anchor in Wireless Sensor Networks	K. Vinothkumar	Electronics and Communication Engineering	International Journal of Advances in Applied Sciences	2020	ISSN: 2252-8814	https://ijaas.iaescore.com/index.php/IJAAS	https://ijaas.iaescore.com/index.php/IJAAS/article/view/19690	Yes	view document
23	Fuzzy Clustering Enhanced Multipath Routing to Enhance the Network Lifetime in Wireless Sensor Networks	K. Vinothkumar	Electronics and Communication Engineering	International Journal of Advanced Science and Technology,	2019	ISSN: 2005-4238	http://serc.org/journals/index.php/IJAST/index	http://www.ijstr.org/final-print/nov2019/-Fuzzy-Clustering-Enhanced-Multipath-Routing-To-Enhance-The-Network-Lifetime-In-Wireless-Sensor-Networks.pdf	Yes	view document

24	Motor imagery recognition of EEG signal using cuckoo-search masking empirical mode decomposition	K. Vinothkumar	Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	ISSN: 2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i11/K21750981119.pdf	Yes	view document
25	Effective RCA design using quantum dot cellular automata	M.Jeyalakshmi	Electronics and Communication Engineering	Microprocessors and Microsystems	2019	ISSN: 0141-9331	https://www.sciencedirect.com/journal/microprocessors-and-microsystems	https://www.sciencedirect.com/science/article/abs/pii/S0141933119305393	Yes	view document
26	Optimization of Code Converters Using Ms Gate in Quantum Dot Cellular Automata	M.Jeyalakshmi	Electronics and Communication Engineering	International Journal of Scientific Research and Reviews	2019	ISSN: 2279-0543	https://www.ijssr.org/	http://www.dynamicpublisher.org/gallery/5-ijssr-d-1606.f.pdf	No	view document
27	Design of Water Hemispherical Antenna for Wide Band Applications	A.Geetha	Electronics and Communication Engineering	Journal – ICON (Integrating Concepts)	2019	ISSN: 2456-6071	-	https://drive.google.com/file/d/1-3K5SsaTgL7WVxRDxucYfGywlrOuBGoQ/view?usp=sharing	No	view document
28	Design and Implementation of soil moisture detector using Arduino	A.Geetha	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	ISSN: 2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i5/IRJET-V7I5872.pdf	No	view document
29	Effective design of hemispherical Antenna using water substrate	A.Geetha S. Jayakumar	Electronics and Communication Engineering	Journal of Seybold Report	2020	ISSN: 1533-9211	https://seyboldreport.net/	https://seyboldjournal.com/wp-content/uploads/2020/09/EFFECTIVE-DESIGN-OF-HEMISPHERICAL-ANTENNA-USING-WATER-SUBSTRATE.pdf	Yes	view document
30	Cluster Based VANET Oriented Evolving Graph model using Greedy Detection	S.Dhamodharan	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	ISSN:2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i4/IRJET-V7I41162.pdf	No	view document
31	Design and Analysis of Microstrip Patch Antenna suitable for Ku Band Satellite Communication	S.Dhamodharan	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	ISSN:2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i4/IRJET-V7I41162.pdf	No	view document

32	Design of compact UWB antenna for the detection of Breast Cancer Tumor	S.Dhamodharan	Electronics and Communication Engineering	International Journal of Advance Science and Technology	2020	ISSN:2005-4238	http://serse.org/journals/index.php/IJAST/index	http://serse.org/journals/index.php/IJAST/article/view/6735	Yes	view document
33	Identification Of Glaucoma Using Convolutional Neural Network	R.CarolPraveen	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	ISSN:2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i4/IRJET-V7I4869.pdf	No	view document
34	Various Defense Countermeasures against DoS Attacks in Wireless Sensor Networks	M.Premkumar	Electronics and Communication Engineering	International Journal of Scientific & Technology Research	2019	ISSN:2277-8616	https://www.scimagojr.com/journalsearch.php?q=21100894501&tip=sid&clean=0	http://www.ijstr.org/final-print/oct2019/Various-Defense-Countermeasures-Against-Dos-Attacks-In-Wireless-Sensor-Networks.pdf	Yes	view document
35	SESCAS: A System for Mitigating Forwarding Misbehaviour in Wireless Sensor Networks	M.Premkumar	Electronics and Communication Engineering	International Journal of innovative Technology and Exploring Engineering	2019	ISSN:2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i9/I7559078919.pdf	Yes	view document
36	Wireless Powered Cognitive Radio Network to Reduce Path Handoff	J.Vetri ManiKumar	Electronics and Communication Engineering	International Research Journal of Engineering and Technology (IRJET)	2020	ISSN:2395-0072	https://www.irjet.net/	https://www.irjet.net/archives/V7/i4/IRJET-V7I41141.pdf	No	view document
37	Development of device for the mute community to convert their gesture signs to speech	S. Karthik	Electronics and Communication Engineering	Journal of Emerging Technologies and Innovative Research	2020	ISSN:2349-5162	https://www.jetir.org/	https://www.jetir.org/view?paper=JETIR2007358	No	view document
38	Long range and self powered IoT devices for agriculture based on multi-hop topology	R. Senthil kumar	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	ISSN:2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i5/IRJET-V7I51376.pdf	No	view document
39	Design of Smart Sheko using wireless sensor& GSM Technology	V.P.Gokulan	Electronics and Communication Engineering	International Research Journal of Engineering and Technology	2020	ISSN:2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V7/i5/IRJET-V7I51296.pdf	No	view document
40	Iot Based coal Mining Safety Monitoring System Using Node MCU	G.Saranya	Electronics and Communication Engineering	MUKT SHABD JOURNAL	2020	ISSN:2347-3150	https://shabdbooks.com/	http://shabdbooks.com/gallery/272-june2020.pdf	Yes	view document

41	An energy efficient way of routing using link quality clustering technique in wireless sensor network	V.P. Jay Fantin	Electronics and Communication Engineering	Dogo Rangsang Research Journal	2020	ISSN:2347-7180	https://www.drrs.in/dogo-rangsang-research-journal	http://www.drrsjournal.com/no_11_june_20/7.pdf	Yes	view document
42	Handwritten character recognition Using neural network and fuzzy logic Enthalment of received signal strength vaticinate of cluster Head and Number of Rounds	V.P. Jay Fantin	Electronics and Communication Engineering	Journal of Emerging Technologies and Innovative Research	2020	ISSN:2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR2006162.pdf	No	view document
43	Enthalment of received signal strength vaticinate of cluster Head and Number of Rounds	V.P. Jay Fantin	Electronics and Communication Engineering	Journal – ICON (Integrating Concepts)	2019	ISSN:2456-6071	https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2022EA002535	https://mail.google.com/mail/u/0/?tab=wm#inbox/FMfcgzGkbDfvSZLQTVfQZRtgqMGvHFdK?projector=1&messagePartId=0.1	No	view document
44	Design and fabrication of double C dual band slotted microstrip Antenna for 5G technologies	M. Manikandan	Electronics and Communication Engineering	Journal of Emerging Technologies and Innovative Research	2020	ISSN: 2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR2005058.pdf	No	view document
45	Design of slot antenna with defected ground structure for Wimax application	M. Manikandan	Electronics and Communication Engineering	Journal of Emerging Technologies and Innovative Research	2020	ISSN: 2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR2005138.pdf	No	view document
46	Influence of iron power core on the Switched reluctance motor performance enhancement	K.Vijayakumar, A. Joseph Basanth, R. Karthikeyan, V. Sivakumar, N. Balamurugan, C. Shanmuga Sundaram	Electrical and Electronics Engineering	Elsevier - Materials today : Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today	https://doi.org/10.1016/j.matpr.2020.04.082	Yes	view document
47	Effect of L-Ascorbic acid on performance and emission behavior of neem biodiesel operated diesel engine	Dr.S. Joseph Dominic Vijayakumar	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7854	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320346940	Yes	view document

48	Effect of catalyst coated piston and antioxidant additive on decrease in Pollutants in diesel engine using neat biodiesels (B100)	A.Anbarasu, K. Vetrivelkumar, R. Silambarasan, S. Joseph Dominic Vijayakumar, S. Paul Singarayar	Mechanical Engineering	Wutan Huatan Jisuan Jishu. Volume XVI, Issue VI, pp. 284-294	2020	10011749	https://wthtjsjs.cn/	https://www.researchgate.net/profile/K-Vetrivel-Kumar/publication/342215486_Effect_of_catalyst_coated_piston_and_antioxidant_additive_on_decrease_in_pollutants_in_diesel_engine_using_neat_biodiesels_B100/links/5ee91969299b1faac5c67c6/Effect-of-catalyst-coated-piston-and-antioxidant-additive-on-decrease-in-pollutants-in-diesel-engine-using-neat-biodiesels-B100.pdf	No	view document
49	Design and Performance Analysis Of Shell And Tube Heat Exchanger By Varying The Fluid Medium Using CFD	Srinivasan S., Prakash S., Raja sekaran S., Rajkumar A., Prakash B	Mechanical	Journal of Emerging Technologies and Innovative Research (JETIR)	2020	2349-5162	https://www.jetir.org/index.html	https://www.jetir.org/view?paper=JETIR2004243	No	view document
50	Experimental Investigation of Characterization of bio oil from pyrolysis of Electronic Wastes	Saravanakumar, Ganesh Moorthy, Muthukannan , Deepan chakaravarthy, Ramkumar, sundhar	Mechanical Engineering	Studia Rosenthaliana (Journal for the Study of Research)(Web of Science)	2020	1781-7838	https://www.jstor.org/journal/studros	https://drive.google.com/file/d/11Uc3d3SReBpwy0zhKujStazT2j4U2rxO/view?usp=sharing	Yes	view document
51	Analysis of spring back and bend power of galvanized iron sheet in V-Die Bending Phase	Saravanakumar S., Srinivasan S., Muthukannan M., Sankar Kannan P	Mechanical	Studia Rosenthaliana (Journal for the Study of Research)	2020	1781-7838	https://www.jstor.org/journal/studros	https://drive.google.com/file/d/1OgOE2D7D7UhsnhkH5oFXn9mPVCpG0p83/view?usp=sharing	Yes	view document
52	Simultaneous Scheduling of Assembly and Production Shops Using GA based Heuristic'	Saravanakumar S., Muthukannan M., Srinivasan S., Sankar Kannan P	Mechanical	International Journal of Psychosocial Rehabilitation	2020	1475-7192	https://www.psychosocial.com/	https://drive.google.com/file/d/1o7xn1FYtpSnOQxmO6-gCMxVo6qGzvEV7/view?usp=sharing	Yes	view document

Academic Year (2018-19)

1	Removal of chromium (III) from tannery wastewater by electrochemical peroxidation process in a bench scale reactor	G. Selvabharathi, S. Adishkumar, J. Rajesh Banu	Department of Civil Engineering	Desalination and Water Treatment	2019	1944-3994	https://www.deswater.com/home.php	https://doi.org/10.5004/dwt.2019.23935	Yes	view document
2	Assessment of Strength of Paver Blocks by Partial Replacement of Coarse Aggregate with LECA	C. Merlin Rani, S. Vignesh, K. Tharanya, M. Sakthi Babu and V. Sudharshan,	Department of Civil Engineering	INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE	2019	0972-1347	https://joics.org/	http://ijics.com/gallery/55-july-1439.pdf	No	view document
3	Experimental Study on mechanical properties of Transparent Concrete by using Rice Husk Ash	C. Merlin Rani, M. Saravanakumar, M.S. Ronaldo, T. Ravichandran and A. Sankaramurthy	Department of Civil Engineering	INTERNATIONAL JOURNAL OF INFORMATION AND COMPUTING SCIENCE	2019	0972-1347	https://joics.org/	http://ijics.com/gallery/56-july-1440.pdf	No	view document
4	Strengthening of Beam-column Joint Using Fiber Reinforced Polymer Composites Based on Deep Neural Network With Optimization	Gnanpragasam, Arul; Chitra, G	Department of Civil Engineering	Journal of the Balkan Tribological Association	2019	1310-4722	https://scibulcom.net/en/journal/1310-4772	https://openurl.ebsco.com/EPDB%3Agcd%3A14%3A17245054/detailv2?sid=ebsco%3Aplink%3AAscholar&id=ebsco%3Agcd%3A141482069&crl=c	No	view document
5	Experimental study on concrete curing agent using calcium benotonite powder without curing agent	G. Selvabharathi, V. Anandan, V. Dhivya, J. Janani, S. Jesima and P. Krishnakumar	Department of Civil Engineering	International Journal of Latest Engineering and Management Research (IJLEMR)	2018	2455-4847	http://www.ijlemr.com/	http://www.ijlemr.com/papers/volume3-issue4/6-IJLEMR-33145.pdf	No	view document
6	Experimental Investigation on Partial Replacement of Cement by Neem Leaves Ash	V. Anandan, M. Anandh, G. Selvabharathi, K. Aishwarya, M. Bhavani P. Kavitha, M. Keerthana	Department of Civil Engineering	International Journal of Latest Engineering and Management Research (IJLEMR)	2018	2455-4848	http://www.ijlemr.com/	http://www.ijlemr.com/papers/volume3-issue4/17-IJLEMR-33153.pdf	No	view document
7	Assessment of municipal solid waste management of dindigul city using geospatial tools	Selvabharathi Gopal, Anbarasi Karunanithi	Department of Civil Engineering	Engineering Reports	2018	2577-8196	https://onlinelibrary.wiley.com/journal/25778196	https://DOI: 10.26524/er181	Yes	view document
8	A Study And Investigation On Strength Parameters Of Polypropylene Fiber Reinforced Concrete	Praveen Jesuraj, V. Vignesh, R. Dr. Sreevidya. V	Department of Civil Engineering	International Journal of Current Engineering And Scientific Research (IJCESR) – Delhi, India	2018	2394-0697	http://troindia.in/journal/ijcesr/index.html	http://troindia.in/journal/ijcesr/vol5iss11/8-19.pdf	No	view document

9	Strength Assessment of Eco Bricks	Karthik M. P., SreeVidya V., Kesavamoorthi R., Arul Gnanapragasam A., and Siva ganesan	Department of Civil Engineering	Journal of Advances in Geo Technical Engineering	2018	2673-7094	http://hbrppublication.com/OJS/index.php/JAGE	http://hbrppublication.com/OJS/index.php/JAGE/article/view/79	No	view document
10	Traffic Route Analysis of Tramway in Dindigul Smart City	M.P.Karthik, K. Robinson, A.Shankar, S. Siva Rama Sudhakar, and M.TamilSelvan	Department of Civil Engineering	Journal of Advances in Civil Engineering and Management	2018	1687-8086	http://hbrppublication.com/OJS/index.php/JACEM/index	http://hbrppublication.com/OJS/index.php/JACEM/article/view/197	Yes	view document
11	Concrete Experimental on Elastic Constants of Hybrid Geopolymer	Karthik M. P., Sree Vidya V., Arul Gnapragasam A and Saravanakumar N	Department of Civil Engineering	International Journal of Latest Engineering and Management Research (IJLEMR)	2018	2455-4847	http://www.ijlemr.com/	https://drive.google.com/file/d/1GUydPB_emzs8kg0aDF8mvLIBz4J6P8gb/view?usp=sharing	No	view document
12	Hybrid Laplacian Gaussian Based Speckle Removal in SAR Image Processing	A. Glory Sujitha, A. Amala Deepan	Computer Science and Engineering	Journal of Medical Systems	2019	1573689X	https://link.springer.com/journal/10916	https://pubmed.ncbi.nlm.nih.gov/31183581/	Yes	view document
13	Design of Optimized QCA sequential circuits	Dr.S.Karthigai Lakshmi	Electronics and Communication Engineering	International Journal of Science Research And Review	2019	ISSN: 2379-543X	https://www.ijssr.org/	http://www.dynamicpublisher.org/gallery/113-ijssr-d-1885.f.pdf	No	view document
14	Benign and Malignant Brain Tumor Pre-processing and Segmentation Techniques: A Survey	Dr.S.Karthigai Lakshmi	Electronics and Communication Engineering	International Journal of Science Research And Review	2019	ISSN: 2379-543X	https://www.ijssr.org/	https://app.box.com/s/062p9f47n3gbxij3xb750ew0ok6m1yto	No	view document
15	Design of Implantable Antenna for Patient Monitoring System	S.KarthigaiLakshmi M. Manikandan	Electronics and Communication Engineering	Journal of Emerging Technologies and Innovative Research	2018	ISSN: 2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR1811613.pdf	No	view document
16	Underwater Image Color Correction Using Image Enhancement and Boundary Detection Techniques	Dr.G Mohanbabu	Electronics and Communication Engineering	CIKITUSI Journal for Multidisciplinary research	2019	ISSN: 0975-6876		http://www.cikitusi.com/gallery/50-mar-638.pdf	No	view document
17	A Thin and Flexible UWB Rectangular Array of Vivaldi Antenna with Increased Bandwidth	G Mohanbabu, S. Jayakumar	Electronics and Communication Engineering	CIKITUSI Journal for Multidisciplinary research	2019	ISSN: 0975-6876		http://www.cikitusi.com/gallery/25-mar-628.pdf	No	view document

18	Hardware Implementation of Road Network Extraction Using Simplified Gabor Wavelet in Field Programmable Gate Array	Dr.S.Karthigai Lakshmi Dr.C.Sujatha	Electronics and Communication Engineering	International Journal of Engineering and Technology Innovation	2018	ISSN: 2223-5329	https://ojs.imeti.org/index.php/IJETI	http://ijeti.imeti.org/download/V8-no3-200-216.pdf	Yes	view document
19	Tumour Classification and Ellipsification for Breast Cancer in Mammogram Images using Image Processing in MATLAB	Dr.C.Sujatha	Electronics and Communication Engineering	SSRG International Journal of Electronics and Communication Engineering	2019	ISSN: 2348-8549	https://www.internationaljournalssrg.org/IJECE/index.html	http://www.internationaljournalssrg.org/uploads/specialissuedf/ICRTCRET/2019/ECE/IJECE-ICRTCRET-P103.pdf	Yes	view document
20	Density Based Traffic Control System and Green Light Transition Time Estimation using Image Processing	Dr.C.Sujatha	Electronics and Communication Engineering	SSRG International Journal of Electronics and Communication Engineering (SSRG – IJECE) – Special Issue ICRTCRET, Mar 2019.	2019	ISSN:2348 - 8549	https://www.internationaljournalssrg.org/IJECE/index.html	http://www.internationaljournalssrg.org/uploads/specialissuedf/ICRTCRET/2019/ECE/IJECE-ICRTCRET-P104.pdf	Yes	view document
21	Connected Component Based Segmentation Technique for Vehicles Detection from High Resolution Satellite Images	Dr.C.Sujatha Dr.S. Karthigai Lakshmi	Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	ISSN:2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i5/D2719028419.pdf	No	view document
22	Automatic Detection Of Diabetic Retinopathy In Retinal Image	K.Rajesh	Electronics and Communication Engineering	International Journal of Scientific Research and Reviews	2019	ISSN:2279-0543	https://www.ijssr.org/	http://www.ijssr.org/pdf/2400.pdf	No	view document
23	Enhanced design of Binary to gray and Gray to Binary Code converters using Quantum dot cellular Automata(QCA)	M.Jeyalakshmi	Electronics and Communication Engineering	International Journal Of Scientific Research And Review	2019	ISSN:2279-543X	https://www.ijssr.org/	http://www.dynamicpublisher.org/gallery/73-ijssr-d1595.f.pdf	No	view document
24	Smart Driving with Automatic Control Mechanism	M.Jeyalakshmi V.P.Gokulan	Electronics and Communication Engineering	International journal of Intellectual Advancements and Research in Engineering Computations	2019	ISSN:2348-2079	https://ijiarec.com/ijiarec	https://ijiarec.com/ijiarec/article/view/174	No	view document

25	Multi featured Automatic Headlight Switching System for Human Safety	A.Geetha	Electronics and Communication Engineering	International journal of scientific research and review	2019	ISSN:2279-543X	https://www.ijssr.org/	http://dynamicpublisher.org/gallery/64-ijssr-d1573.f.pdf	No	view document
26	Embedded Based Autonomous seed sowing robot	A.Geetha	Electronics and Communication Engineering	CIKITUSI Journal for Multidisciplinary research	2019	ISSN:0975-6876		http://www.cikitusi.com/gallery/43-mar-636.pdf	No	view document
27	Design of Low Profile Grid Slotted Microstrip Patch Antenna	S.Dhamodharan	Electronics and Communication Engineering	International journal of scientific research and review	2019	ISSN:2279-543X	https://www.ijssr.org/	http://www.dynamicpublisher.org/gallery/106-ijssr-d1610.f.pdf	No	view document
28	Smart Communication Haptic Glove for Deaf And Dumb People	V. P. Jay Fantin	Electronics and Communication Engineering	International Journal Of Scientific Research And Review	2019	ISSN:2279-543X	https://www.ijssr.org/	http://www.dynamicpublisher.org/gallery/67-ijssr-d1594.final.pdf	No	view document
29	Face recognition using image processing with RASPBERRY PI	R.Carol Praveen	Electronics and Communication Engineering	International journal of Intellectual Advancements and Research in Engineering Computations	2019	ISSN:2348-2079	https://ijiarec.com/ijiarec	https://ijiarec.com/ijiarec/article/view/175	No	view document
30	MRF- exemplar based Comprehensive framework for image Inpainting	R.Carol Praveen	Electronics and Communication Engineering	International Journal of Scientific Research and Review	2019	ISSN:2279-543X	https://www.ijssr.org/	http://www.dynamicpublisher.org/gallery/101-ijssr-d1590.f.pdf	No	view document
31	SEACAS:a System for Mitigating Forwarding Misbehaviour in Wireless Sensor Networks	M.Premkumar	Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	ISSN:2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i9/I7559078919.pdf	Yes	view document
32	Novel Multiband Microstrip Loop Antenna for Wearable Applications	S.KarthigaiLakshmi M.Manikandan	Electronics and Communication Engineering	International Journal of Research and Analytical Reviews	2019	ISSN:2349-5138	https://www.ijrar.org/	https://www.ijrar.org/papers/IJRAR19J3984.pdf	No	view document
33	LPG Leakage Detection With Prevention an Automatic Cylinder Booking n with Alert System	R.Senthil Kumar	Electronics and Communication Engineering	International Research journal of Engineering and Technology	2019	ISSN:2395-0056	https://www.irjet.net/	https://www.irjet.net/archives/V6/i3/IRJET-V6I3457.pdf	No	view document
34	Automated Effective Incubator System with Sub-Bag for child care	J.Vetrimanikumar	Electronics and Communication Engineering	International journal of scientific research and review	2019	ISSN:2279-543X	https://www.ijssr.org/	http://dynamicpublisher.org/gallery/65-ijssr-d1576.f.pdf	No	view document
35	Malaise identification and care monitoring using IoT	K. Karthik K.S.Arun Kumar	Electronics and Communication Engineering	HBRP Publication	2018	ISSN:2582-2993	http://www.hbrppublication.com/	http://hbrppublication.com/OJS/index.php/RAES/article/view/420	No	view document

36	A KSOM based neural network model for classifying the epilepsy using adjustable analytic wavelet transform	S.R.Ashokkumar	Electronics and Communication Engineering	Multimedia Tools and Applications	2019	ISSN:1573-7721		https://link.springer.com/article/10.1007/s11042-019-7359-0	Yes	view document
37	Detection Of Unhealthy Plant Leaves Using Genetic Algorithm	R.Ashokkumar Dr.G Mohanbabu	Electronics and Communication Engineering	CIKITUSI Journal for Multidisciplinary research	2019	ISSN:0975-6876		http://www.cikitusi.com/gallery/20-mar-619.pdf	No	view document
38	Liver Tumor and Spleen Detection Based on Region Growing Segmentation and Ensemble Classification(28)	Jeevanantham Dr.G Mohanbabu	Electronics and Communication Engineering	International journal of scientific research and review	2019	ISSN:2279-543X	https://www.ijssr.org/	http://dynamicpublisher.org/gallery/60-ijssr-d1564.f.pdf	No	view document
39	Vehicle Number plate Recognition and Validation	M.krithika@Anbudevi	Electronics and Communication Engineering	CIKITUSI Journal for Multidisciplinary research	2019	ISSN:0975-6876		http://www.cikitusi.com/gallery/31-mar-625.pdf	No	view document
40	Stacked Nand/Nor And Tunable Delay Key-Gate For Ic Chip Design Security	A.Mercy	Electronics and Communication Engineering	International journal of scientific research and review	2019	ISSN:2279-543X	https://www.ijssr.org/	http://www.dynamicpublisher.org/gallery/99-ijssr-d1593.f.pdf	No	view document
41	Plant disease detection using image processing	G.Saranya	Electronics and Communication Engineering	International Journal of Scientific Research and Review	2019	ISSN:2279-543X	https://www.ijssr.org/	http://dynamicpublisher.org/gallery/61-ijssr-d1571.f.pdf	No	view document
42	IoT Based Solar Panel Fault Monitoring and Control	S.Karthik	Electronics and Communication Engineering	International Journal Of Information And Computing Science	2019	ISSN:0972-1347	https://joics.org/	http://ijics.com/gallery/34-mar-972.pdf	No	view document
43	Comprehensive Approach for Forest fire detection using Wavelet Transform	T.Leelapriyadharshini	Electronics and Communication Engineering	CIKITUSI Journal for Multidisciplinary research	2019	ISSN:0975-6876		http://www.cikitusi.com/gallery/32-mar-630.pdf	No	view document
44	Embedded based ingenious goods transport vehicle using auto Id technology and android application	K.S. Arun Kumar	Electronics and Communication Engineering	CIKITUSI Journal for Multidisciplinary research	2019	ISSN:0975-6876		http://www.cikitusi.com/gallery/42-mar-637.pdf	No	view document
45	Intelligent load monitoring system of 11kV/440V multi distribution transformers using SCADA	Satheeshkumar. G	Electrical and Electronics Engineering	International journal of pure and applied mathematics	2018	1314-3395	https://www.scimagojr.com/journalsearch.php?q=19700182690&tip=sid&clean=0	https://drive.google.com/file/d/1xclDAgVBMfm1stQLtF4lz2LiH0ms2UfQ/view?usp=drive_link	Yes	view document

46	Optimization Of Tool Life For Closed Type Forging Tool	Srinivasan S., Manikandan G., Seenivasaperumal V	Mechanical	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR1907454.pdf	No	view document
47	Heat Exchanger Design modification for performance optimization using	Srinivasan.S	Mechanical Engineering	International journal of applied engineering reseach	2018	0973-4562	http://ripublication.com/	https://www.ripublication.com/ijaer18/ijaerv13n18_45.pdf	No	view document
48	Optimization of tool life for closed type forging tool	Srinivasan.S	Mechanical Engineering	Journal of engineering technologies and innovative research	2019	2349-5162	https://www.jetir.org/	https://www.jetir.org/view?paper=JETIR1907454	No	view document
49	Deformation and energy absorption analysis of simple and multi cell thin walled tubes under quasi static axial crushing	I.Vimal Kannan	Mechanical Engineering	International Journal of crashworthiness	2019	1358-8265	https://www.tandfonline.com/journals/tcrs20	https://www.tandfonline.com/doi/full/10.1080/13588265.2018.1542956	Yes	view document
50	Experimental investigation of unidirectional natural fiber composites for ceiling fan blade application	G.vinothkumar, C. Vinothkumar, V. Ramasamy	Mechanical Engineering	Journal of engineering technologies and innovative research	2019	2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR1905947.pdf	No	view document
51	An improved design for cellular manufacturing system associating scheduling decisions	R.Subhaa	Mechanical Engineering	Indian academy of sciences, Sadhana	2019	0256-2499	https://www.springer.com/journal/12046	https://link.springer.com/article/10.1007/s12046-019-1135-8	Yes	view document
52	Experimental Prediction and Investigation of Springback in U Bending Profile Process using RSM and ANOVA	M.Saravanan	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2019	2249-6890	https://journalseeker.researchbib.com/view/issn/2249-6890	https://www.researchgate.net/profile/Jeyasimman-Duraisamy/publication/335391953_EXPERIMENTAL_PREDICTION_AND_INVESTIGATION_OF_SPRING_BACK_IN_U_BENDING_PROFILE_PROCESS_USING_RSM_AND_ANOVA/links/5f2655f1a6fdcccc43a24a05/EXPERIMENTAL-PREDICTION-AND-INVESTIGATION-OF-SPRING-BACK-IN-U-BENDING-PROFILE-PROCESS-USING-RSM-AND-ANOVA.pdf	No	view document

53	Optimized sequencing of CNC milling toolpath segments using metaheuristic algorithms	M.Saravanan	Mechanical Engineering	Journal of Mechanical Science and Technology	2019	1738-494X	https://www.springer.com/journal/12206	https://link.springer.com/article/10.1007/s12206-019-0134-3	Yes	view document
54	Optimisation of identical parallel machine scheduling problem	M.Saravanan	Mechanical Engineering	International Journal of Rapid Manufacturing	2019	1757-8817	https://www.inderscienceonline.com/journal/ijrapidm	https://www.inderscienceonline.com/doi/abs/10.1504/IJRAPIDM.2019.097033	Yes	view document
55	Tribological Characteristics and Corrosion Analysis of Mg-SiC Composite using Stir Casting	V.Ramasamy K.A. Sundararaman	Mechanical Engineering	Caribbean Journal of Science	2019	0008-6452	https://bioone.org/journals/caribbean-journal-of-science/scope-and-details	https://www.researchgate.net/profile/Muthukannan-Rajkumar/publication/351281994_Tribological_characteristics_and_Corrosion_analysis_of_Mg-SiC_composite_using_stir_casting/links/608fa9de299bflad8d72a8a2/Tribological-characteristics-and-Corrosion-analysis-of-Mg-SiC-composite-using-stir-casting.pdf	No	view document
56	Review-Methods and Measurements of Springback Evaluation	M.Saravanan	Mechanical Engineering	International Journal of Mechanical Engineering and Technology	2018	0976-6340	https://iaeme.com/Home/journal/IJMET	https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_5/IJMET_09_05_119.pdf	No	view document
57	Study on Effects of Springback on Sheet Metal Bending Using Simulation Methods	M.Saravanan	Mechanical Engineering	International Journal of Mechanical and Production Engineering Research and Development	2018	2249-6890	https://journalseeker.researchbib.com/view/issn/2249-6890	http://www.tjprc.org/publishpapers/2-67-1521439778-106-IJMPERDAPR2018106.pdf	No	view document
58	Improving automatic detection of defects in castings by applying damage estimation technique for die-casting analysis	M.Saravanan	Mechanical Engineering	Taga journal	2018	1748-0345	https://taga.org/	https://drive.google.com/file/d/1yN5BjgNdRWy222QSbSPia-t1D_MAEFMm/view?usp=sharing	No	view document
59	Experimental investigation of friction stir blind riveting process for similar and dissimilar alloy sheets	M.Saravanan	Mechanical Engineering	Journal of Advanced Mechanical Design, Systems, and Manufacturing	2018	1881-3054	https://www.jstage.jst.go.jp/browse/jamdsm	https://www.jstage.jst.go.jp/article/jamdsm/12/1/12_2018jamdsm0028/_pdf	No	view document

60	Tool Path optimization by Genetic algorithm for Energy Efficient Machining	M.Saravanan	Mechanical Engineering	Taga journal	2018	1748-0345	https://taga.org/	https://drive.google.com/file/d/1uWXlwyrIYv_nNRKwr1Rn6RTH-nm6T9Db/view?usp=sharing	No	view document
61	MOGWO Metaheuristic Method Used to Solve by Identical Parallel Machine Scheduling Problem With Different Objectives Compared With GA and VNS	M.Saravanan	Mechanical Engineering	Taga journal	2018	1748-0345	https://taga.org/	https://drive.google.com/file/d/1Ur4Ch16aA1zYk0RGb6nZe3gfeRPBcFXq/view?usp=sharing	No	view document
62	Comparative study on spring back effect of sheet metal materials and minimizing the effect by optimizing the loading condition	M.Saravanan	Mechanical Engineering	Taga journal	2018	1748-0345	https://taga.org/	https://drive.google.com/file/d/1Ve9ZYxWC0UuqvTXB6KX3ltOkQd4ucXkf/view?usp=sharing	No	view document





 Principal
 Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (MOS)
 Principal
 SSM Institute of Engineering and Technology
 Kottaiyapatti Village, Sindalagudi (Ta.
 Palani) Road, Dindigul - 624 002



3.3.1 Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years

S.No	Year of Publication	Number of Journals Published														
		CIVIL		CSE		ECE		EEE		MECH		S &H		Total		Total no of papers published
		UGC Care List		UGC Care List		UGC Care List		UGC Care List		UGC Care List		UGC Care List		UGC Care List		
		YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	
1	2022 - 2023	1	0	4	0	8	7	2	0	4	0	3	1	22	8	30
2	2021 - 2022	3	1	1	0	14	14	6	1	3	4	3	2	30	22	52
3	2020 - 2021	1	3	8	0	17	8	3	3	4	0	2	2	35	16	51
4	2019 - 2020	1	4	4	0	19	17	1	0	4	2	0	0	29	23	52
5	2018 - 2019	3	8	1	0	5	27	1	0	4	13	0	0	14	48	62
	Total	9	16	18	0	63	73	13	4	19	19	8	5	130	117	247




 Principal
 Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (MUS)
 Principal
 SSM Institute of Engineering and Technology
 Kuttathupatti Village, Sindalagundu (Po),
 Palani Road, Diadigul - 624 002