

LIST OF PUBLICATIONS (2018-19)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Optimum design of hybrid renewable energy system through load forecasting and different operating	Murugaperumal, K., Srinivasn, S., Satya Prasad, G.R.K.D.	EEE	Sustainable Energy Technologies and Assessments	2018-2019	ISSN: 2213-1388	https://www.sciencedirect.com/science/article/pii/S2213138818306325
Visual and textual features based email spam classification using S-Cuckoo search and hybrid kernel	Kumaresan, T., Saravanakumar, S., Balamurugan, R.	CSE	Cluster Computing,	2018-2019	ISSN: 1386-7857 (Print) 1573-7543 (Online)	https://link.springer.com/article/10.1007%2Fs10586-017-1615-8
Test data generation for improving the effectiveness of test case selection algorithm using test case	Velmurugan, P., Goel, P.	CSE	Journal of Computational and Theoretical Nanoscience	2018-2019	ISSN 1546-1955 (Print); ISSN 1546-1963 (Online)	https://www.scopus.com/sourceid/28136
Spectate home appliances by internet of things using mqtt and ifttt through google assistant	Goud, N., Sivakami, A.	H&S	International Journal of Scientific and Technology Research	2018-2019	ISSN 2277-8616	https://www.scopus.com/sourceid/21100894501
Techno economic analysis of hybrid renewable electrification system in different climatic zones	Krishnamoorthy, M., Ajay, P., Vimal Raj, D., Suresh, S., Natarajan, K.	EEE	Lecture Notes in Electrical Engineering	2018-19	978-981-13-8942-9	https://link.springer.com/chapter/10.1007/978-981-13-8942-9_14
Performance improvement of solar PV array topologies during various partial shading conditions	Prince Winston, D., Kumaravel, S., Praveen Kumar, B., Devakirubakaran, S.	EEE	Solar Energy	2018-2019	ISSN: 0038-092X	https://www.scopus.com/sourceid/13333
Skill Development Schemes in India	K. Mamatha	MBA	Complexity International Journal	2018-2019	ISSN Online: 1320-6683	https://www.scopus.com/sourceid/12237
Stress Management: A Study on Indian Women	K. Mamatha	MBA	Complexity International Journal	2018-2019	ISSN Online: 1320-6684	https://www.scopus.com/sourceid/12237
Green HRM: Goal Attainment Through Environmental Sustainability	K. Mamatha	MBA	Complexity International Journal	2018-2019	ISSN Online: 1320-6684	https://www.scopus.com/sourceid/12237
Deficiency and Sufficiency of Critical Factors greatly affect Attrition and leverage Retention in IT Companies) –Madurai District, Tamilnadu, India.	Dr. V. B Devi Bala	MBA	Internation Journal Of Recent Technology and Engineering	2018-2019	ISSN Online: 2277-3878	https://www.scopus.com/sourceid/21100889873

Analysis of Micro Inversion to Improve Fault Tolerance in High Speed VLSI Circuits	Somashekhar, Vikas Maheshwari, R.P.Singh	ECE	International Research Journal of Engineering and Technology (IRJET)	2018-2019	e-ISSN: 2395-0056, p-ISSN: 2395-0072	https://www.irjet.net/images/UGC-1.jpg
Log Likelihood Ratio Based Quantizer design For Target tracking in Wireless Sensor Networks	K.S. Balamurugan, and Sri Sahithi	ECE	International Journal of Scientific Research in Science and Technology,	2018-2019	Print ISSN : 2395-6011, Online ISSN : 2395-602X	https://www.ugc.ac.in/journallist/user_journal_report.aspx?eid=27215
Lung cancer detection using nearest neighbour classifier	Madana Mohana, R., Delshi Howsalya Devi, R., Bai, A.	CSE	International Journal of Recent Technology and Engineering	2018-2019	2277-3878	https://www.scopus.com/sourceid/21100889873
Synthesis and simulation study of non-restoring cell architecture layout in perpendicular nano-magnetic logic	Bandan Kumar Bhoi; Misra, Neeraj Kumar; Pradhan, Manoranjan	ECE	Journal of Computational Electronics, Springer	2018-2019	DOI: 10.1007/s10825-019-01432-1	https://mjl.clarivate.com/search-results?issn=1569-8025&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Analysis on Fault Mapping of Reversible Gates with Extended Hardware Description Language for Quantum Dot Cellular Automata Approach	Bandan Kumar Bhoi; Misra, Neeraj Kumar; Pradhan, Manoranjan	ECE	SENSOR LETTERS, American Scientific Publishers	2018-2019	ISSN: 1546-198X.	https://www.scopus.com/sourceid/19201
Low-Cost Synthesis Approach for Reversible Authenticator Circuits in QCA Environment	Bandan Bhoi; Neeraj Kumar Misra; Lafifa Jamal, Manoranjan Pradhan	ECE	International Journal of Nanoelectronics and Materials,	2018-2019	ISSN: 1985-5761	https://www.scopus.com/sourceid/21100217218
LoRa-IoT Based Self-Powered Multi-Sensors Wireless Network For Next Generation Integrated Farming	K.S.Balamurugan, A.Sivakami	ECE	International Journal of Scientific & Technology Research	2018-2019	ISSN 2277-8616	https://www.scopus.com/sourceid/21100894501
A modular approach for testable conservative reversible multiplexer circuit for nano-electronic confine application	Nirupma Pathak, Santosh Kumar, Neeraj Kumar Misra,Bandan Boi	ECE	International Nano Letters	2018-2019	2228-5326	https://mjl.clarivate.com/search-results?issn=2008-9295&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Embedded Device for Medical Filed :An Experimental Validation	G Kishore, T V Suresh Kumar	ECE	International Journal of Research	2018-2019	ISSN:2236-6124	https://www.ugc.ac.in/journallist/ugc_admin_journal_report.aspx?eid=NjIM5NzU=
A study of fault tolerance in high speed vlsi circuits	Somashekhar,Maheshwari, V	ECE	International Journal of Scientific and Technology Research	2018-2019	ISSN: 22778616	https://www.scopus.com/sourceid/21100894501
FPGA implementation of fault tolerant full adder design for high speed VLSI architectures	Somashekhar,Maheshwari, V	ECE	International Journal of Recent Technology and Engineering (IJRTE)	2018-2019	ISSN: 2277-3878	https://www.scopus.com/sourceid/21100889873

Dual-Band Dual-Sense Polarization Reconfigurable Circularly Polarized Antenna	Saini, R.K., Dwari, S	ECE	IEEE Antennas and Wireless Propagation Letters	2018-2019	ISSN: 15361225	https://www.scopus.com/sourceid/18894
Polarization Reconfigurable Corner Truncated Square Microstrip Array Antenna	Bharathi Anantha, Lakshminarayana Merugu & P.V.D Somasekhar Rao	ECE	IETE Journal of Research	2018-2019	ISSN: 0974-780X	https://www.scopus.com/sourceid/130012
An Efficient approach based on Selective Partitioning for Maximal Frequent Itemsets Mining	Dr. Anita Bai	CSE	Sadhana--ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	2018-2019	0256-2499	https://www.scopus.com/sourceid/21100874214
Microarray Cancer Classification using Feature Extraction based Ensemble Learning Method	Dr. Anita Bai	CSE	International Journal of Data Analysis Techniques and Strategies	2018-2019	1755-8069	https://www.scopus.com/sourceid/21100204516
Performance Analysis of Data Mining Classification Algorithms for Early Prediction of Diabetes Mellitus II	Dr. R.Delshi Howsalya Devi	CSE	International Journal of Biomedical Engineering and Technology (IJBT)	2018-2019	1752-6426	https://www.scopus.com/sourceid/19700186853
Test Data Generation for Improving the Effectiveness of Test Case Selection Algorithm Using Test Case Slicing	Dr.P.Velmurugan	CSE	Journal of Computational and Theoretical Nanoscience	2018-2019	1848-1853	https://www.scopus.com/sourceid/28136
A Novel Hybrid Approach for Diagnosing Diabetes Mellitus Using Farthest and Support Vector Machine Algorithms	Dr. R.Delshi Howsalya Devi	CSE	Obesity Medicine	2018-2019	2451-8476	https://www.scopus.com/sourceid/21100463845
Semantic-based recommendation tool for library management system using domain specific ontology	Priya, P., Velmurugan, P.	CSE	International Journal of Recent Technology and Engineering	2018-2019	2277-3878	https://www.scopus.com/sourceid/21100889873
Semantic indexing and concept based methods for ontology based information retrieval using Dbpedia	Priya, P	CSE	International Journal of Engineering and Advanced Technology	2018-2019	2249-8958	https://www.scopus.com/sourceid/21100899502
Performance evaluation of machine learning techniques on rpas remote sensing images	Madanamohana, R., Nagarjunapitty, P., Rishitha, K.	CSE	International Journal of Engineering and Advanced Technology	2018-2019	2249-8958	https://www.scopus.com/sourceid/21100899502
Modeling and Implementation IoT Based Transmission Line Monitoring, Protection and Control	Dr. M. MADHIARASAN	Electrical and Electronics Engineering	Water and Energy International	2018-2019	0974-4207	https://www.scopus.com/sourceid/18755

Improvement of Power Quality using DVR by Different Control Techniques	Sukanth	Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering (IJRTE)	2018-2019	2277-3878	https://www.scopus.com/sourceid/21100889873
A PSOI based MPPT Technique for PV System under Dynamically Changing PSC	Sukanth	Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering (IJRTE)	2018-2019	2277-3878	https://www.scopus.com/sourceid/21100889873
A PSOI based MPPT Technique for PV System under Dynamically Changing PSC	Ramji Tiwari	Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering (IJRTE)	2018-2019	2277-3878	https://www.scopus.com/sourceid/21100889873
A PSOI based MPPT Technique for PV System under Dynamically Changing PSC	Y V Prasanth	Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering (IJRTE)	2018-2019	2277-3878	https://www.scopus.com/sourceid/21100889873
A PSOI based MPPT Technique for PV System under Dynamically Changing PSC	Santhan Kumar Ch	Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering (IJRTE)	2018-2019	2277-3878	https://www.scopus.com/sourceid/21100889873
Performance of DQ based Controller for Solar Wind Hybrid Power System	Mr. C. K. Reddy	Electrical and Electronics Engineering	Recent Advances in Electrical & Electronic Engineering	2018-2019	2352-0973	https://www.scopus.com/sourceid/21100324717
Exergetic Performance Analysis of KW Scale Organic Rankine Cycle	Manish Sharma	Mechanical	Procedia Environmental Science, Engineering and managment	2018-2019	2392 - 9537	https://www.scopus.com/sourceid/21100829181
Semantic Entity Suggestion for Effective Search Using DBPEDIA	P.Priya	CSE	Journal of Advanced Research in Dynamical Control Systems	2018-2019	1943-023x	https://www.scopus.com/sourceid/20500195215
A Cloud Based Medical Data Prediction Using Fuzzy Logic Classification	Dr. P. Velmurugan	CSE	Journal of Advanced Research in Dynamical Control Systems	2018-2019	1943-023x	
Neural Network and Deep Learning Analysis Using Backpropagation	K.Tirupal Reddy	CSE	International Journal of Engineering Research and Technology	2018-2019	2278-0181	https://www.scopus.com/sourceid/21100828027
Scalable and Inference Learning Speech Recongition with Artificial Neural Network	K.Tirupal Reddy	CSE	International Journal of Research in Electronics and Computer Engineering	2018-2019	2348-2281	https://www.ugc.ac.in/journallist/ugc_admin_iournall_report.aspx?eid=NjM5NzU=

Biometric Images using Watermarking in an ICA	N.Umashankari	CSE	International Journal of Engineering and Technology	2018-2019	2278-0181	https://www.scimagoir.com/journalsearch.php?q=21100805731&tip=sid&clean=0
Recommender System for Voting in Online Social Network	Dr. R. Madanamohana	CSE	Journal of Applied Science and Computations	2018-2019	1076-5131	https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf
Classification of Personalized News topics in Social Media Using SOCIRANK	Dr.J.R.V Jeny	CSE	Universal Review	2018-2019	2277-2723	https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf
A Framework for Dynamic Facet Ordering Search in E-Commerce	Dr.J.R.V Jeny	CSE	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2018-2019	2456-3307	https://www.ugc.ac.in/journalist/ugc_admin_journal_report.aspx?eid=NjM5NzU=
Understand Short Texts By Explicit Knowledge Representation	Mr.V.Veerabhandram	CSE	Journal of Applied Science and Computations	2018-2019	1076-5131	https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf
Stegnoanalysis Victimization Reversible Patch Based Texture Synthesis From A Source	Mr. Manohar Gosul	CSE	Journal of Applied Science and Computations	2018-2019	1076-5131	https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf
Security Policy Illumination of Client - Uploaded Images on Content Distributed Sites	Mr. Manohar Gosul	CSE	Journal of Applied Science and Computations	2018-2019	1076-5131	https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf
Energy - Efficient Query Processing in Web Search Engines	Mr. V. Sathya Narayana	CSE	Universal Review	2018-2019	2277-2723	https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf
Online Connecting To E Commerce:Cold Start Items Recommendation Micro Online System	Ms. K.S. Parimala	CSE	Universal Review	2018-2019	2277-2723	https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf
Query Expansion For Personalized Search Using Folksonomy Based User Profiles	Dr.P.Velmurugan	CSE	Journal of Applied Science and Computations	2018-2019	1076-5131	https://www.ugc.ac.in/pdfnews/5283580_UGC-Cancelled-List.pdf
Monitoring the smart garbage bin filling status: An iot application towards waste management	Yerraboina, S., Kumar, N.M., Parimala, K.S., Aruna Jyothi, N	CSE	International Journal of Civil Engineering and Technology	2018-2019	0976-6308	https://www.ugc.ac.in/journalist/ugc_admin_journal_report.aspx?eid=NjM5NzU=

Monitoring the water storage facilities using internet of things	Parimala, K.S., Yerraboina, S., Jyothi, N.A., Dash, A	CSE	International Journal of Civil Engineering and Technology	2018-2019	0976-6308	https://www.ugc.ac.in/journallist/ugc_admin_journal_report.aspx?eid=NjM5NzU=
Efficient argument checks for different assertions using various packages in r programming	Ayyappa, P., Madana Mohana, R., Vijaya Sekhar Reddy, K.	CSE	International Journal of Mechanical Engineering and Technology	2018-2019	0976 – 6340	https://www.ugc.ac.in/journallist/ugc_admin_journal_report.aspx?eid=NjM5NzU=