LRG GOVERNMENT ARTS COLLEGE FOR WOMEN, TIRUPUR
PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE

RESEARCH PUBLICATIONS FROM 2018 ONWARDS

S.No	Year	Name of the Faculty	Publications
1	2018	V.Punithavathi	Study of Breast Cancer Detection Methods using Image Processing with Data Mining Techniques, International Journal of Pure and Applied Mathematics, Volume 180(18), 2018. pp. 2867-2873 ISSN (online): 1314-3395, ISSN (print): 1311-808, February 2018, SCOPUS.
2	2018	V. Punithavathi	Comparison of Noise Removal Filters for Breast Cancer Detection in Mammogram Image, International Journal of Pure and Applied Mathematics, Volume 119(18), PP. 3863-3874, ISSN (online):1314-3395, September 2018, SCOPUS.
3	2019	N.Suganthi	Impacts Of IoT in Big Data Analysis, International Journal Of Advance and Innovative Research, ISSN:2394-7780,2019.
4	2019	Dr.K. Sarojini	Impacts Of IoT in Big Data Analysis, International Journal of Advance and Innovative Research, ISSN:2394-7780,2019.
5	2019	V.Suhasini	A Comprehensive Study of Current Trends in Web Mining, International Journal of Advance and Innovative Research, ISSN:2394-7780,2019.
6	2019	Dr.N. Vimala	A Comprehensive Study of Current Trends in Web Mining, International Journal of Advance and Innovative Research, ISSN:2394-7780,2019.
7	2019	N.Sundaravalli	A studyAnd Analysis of Image Mining Techniques and Its Applications, International Journal of Advance and Innovative Research, ISSN:2394-7780,2019.
8	2019	Dr.R.Vidyabanu	A studyAnd Analysis of Image Mining Techniques and Its Applications, International Journal Of Advance and Innovative Research, ISSN:2394-7780,2019.
9	2019	Dr.R.Vidyabanu	New Trends In Opinion Mining And Sentiment Analysis,International Journal Of Advance and Innovative Research, ISSN:2394-7780,2019.
10	2019	R.Komalavalli	New Trends In Opinion Mining And Sentiment Analysis,International Journal Of Advance and Innovative Research, ISSN:2394-7780,2019.
11	2019	Dr.R.Vidyabanu	Sensing And Detecting Intruder Detection In Wireless Sensor Network, Wide Spectrum, Volume. 7, No 9; PP: 32- 43,2019.

12	2019	Dr.K. Sarojini	A Study On Data Mining In Health Care,Journal Of Applied Science And Computations, Volume VI, Issue IV, ISSNO:1076-5131,2019.
13	2019	N.Suganthi	A Study On Data Mining In Health Care,Journal Of Applied Science And Computations, Volume VI, Issue IV, ISSN:1076-5131,2019.
14	2019	V.Punithavathi	Survey On Image Segmentation Techniques in Mammogram Images, Journal of Applied Science and Computations (JASC), Volume 6, Issue 4 ISSN:1076-5131, 2019 UGC Approved Journal.
15	2019	Dr.K. Sarojini	Study On Data Preprocessing Techniques for Text Mining, Journal of Applied Science and Computations, ISSN:1076-5131,2019.
16	2019	Dr.N. Vimala	A Survey on Intrusion Detection System in Wireless Sensor Network Using Key Distribution, Journal of Emerging Technologies and Innovative Research, Volume.6, 2019.
17	2019	Dr.N. Vimala	A Survey on Big Data Privacy Using Hadoop Architecture, International Journal of Scientific Development and Research, ISSN:2455-2631,2019.
18	2019	Dr.T.Jayalakshmi	Survey Of Defect Detection on Patterened Fabrics, 2019.
19	2019	Dr.R.Vidyabanu	An Analysis of Various Attacks In Manet And Machine Learning Classification Algorithms, International Journal Of Research Culture Society, ISSN 2456-6683, 2019.
20	2020	V.Punithavathi	A Hybrid Algorithm with Modified SVM and KNN for Classification of Mammogram Images using Medical Image Processing with Data Mining Techniques in European Journal of Molecular and Clinical Medicine, ISSN 2515-8260 Volume7, Issue 10, 2020.
21	2020	Dr.A.Anbarasi	A survey on Solid Waste Sorting and Classification Techniques, International Journal of Creative Research Thoughts, Volume – 8, Issue. 2, ISSN:2320 2882, 2020.
22	2020	Dr.A.Anbarasi	A Crop Yield Prediction In Machine Learning Models, International Journal Of Creative Research Thoughts, Volume – 8, Issue. 2, ISSN:2320 2882, 2020.

23	2020	Dr.N. Vimala	Survey on Semantic Information RetriEval Techniques in Big Data, International Journal of Scientific Technologies in Research, ISSN:2277-8616,2020.
24	2020	V.Punithavathi	A Framework on Classification of Mammogram Images for Breast Cancer Detection Using Image Processing with Data Mining Techniques, International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 2, ISSN: 2320-2882, 2020, UGC Approved Journal.
25	2020	V.Punithavathi	Detection of Breast Lesion Using Improved GLCM Feature Based Extraction in Mammogram Images" in Studies in Indian Place Names, ISSN: 2394-3114 Volume 40, Issue 70, March 2020, UGC Care Journal.
26	2020	Dr.S.Geetha	Bi-Level algorithm for the segmentation and counting of Leuckocytes ad Erythrocytes, Indian Journal of Science and Technology, ISSN:0974-6846,2020.
27	2020	Dr.K. Sarojini	Review On Supervised Feature Selection Methods For High Dimensional Data,The International Journal Of Analytical And Experimental Model Analysis, ISSN: 0886-9367,2020.
28	2020	N.Suganthi	Review On Supervised Feature Selection Methods For High Dimensional Data,The International Journal Of Analytical and Experimental Model Analysis, ISSN: 0886-9367,2020.
29	2020	Dr.R.Vidyabanu	Performance Evaluation of Feature Selection Method for Machine Learning Algorithms to Detect Wormhole Attack In Manets, Journal Of Shanghai Jiaotong University, ISSN:1007-1172, 2020.
30	2020	Dr.R.Vidyabanu	Mining And Preprocessing Twitter Data for Detecting Potential Effects of Remdesivir, Journal of Shanghai Jiaotong University, ISSN:1007-1172, 2020.
31	2020	R.Komalavalli	Mining And Preprocessing Twitter Data for Detecting Potential Effects of Remdesivir, Journal Of Shanghai Jiaotong University, ISSN:1007-1172, 2020.
32	2020	V.Punithavathi	A New Proposal for The Segmentation of Breast Lesion in Mammogram Images Using Optimized Kernel Fuzzy Clustering Algorithm, Materials Today: Proceedings, Elsevier, 2021.

33	2020	Dr.A.Anbarasi	Customized Data Extraction and Effective Text Data Pre-Processind Technique for Hydroxychloroquin Related Twitter Data, Bioscience Biotechnology Research Communications-An Open Access International Journal, ISSN: 0974-6455 Online ISSN: 2321-4007, 2020.
34	2020	Dr.S.Geetha	A Futuristic Inspection on Multipath Routing, The International Journal of Analytical and Experimental Modal Analysis, Volume.12, Issue.8, ISSN-0886-9367, 2020.
35	2020	Dr.S.Geetha	A Detailed Analysis of The Data Compression Techniques In Image Processing, Journal Of Xian Shiyou University, Volume.16, Issue.7, ISSN-1673-064X, 2020.
36	2020	Dr.S.Geetha	Multi-Class Ecocamd Classifier in Classification of The Types of White Blood Cells, International Journal Of Advanced Science And Technology, 2020.
37	2020	V.Punithavathi	Noise Removal in Breast Cancer Using Hybrid De-noising Filter for Mammogram Images, Computational Vision, and Bio-Inspired Computing ICCVBIC 2019, AISC 1108, PP. 109-119,2020, Springer Nature.
38	2021	Dr.K. Sarojini	De-Noising Of Tomato Fruit Image Using Spiral Seed Filter, Information Technology In Industry,Volume. 9 No. 1, 2021.
39	2021	Dr.A.Anbarasi	Enhanced Segmentation Network with Deep Learning for Bio- Medical Waste Classification, Indian Journal of Science and Technology, ISSN:0974-6846, Electronic: 0974-5645, 2021.
40	2021	Dr.A.Anbarasi	Crop Yield Prediction Using Multi-Parametric Deep Neural Network, Indian Journal of Science and Technology (Ijst). ISSN (Print): 0974-6846, Electronic: 0974-5645, 2021.
41	2021	Dr.K. Sarojini	A Novel Techniques IDS in Distributed Data Environment Using Markel Based Security Mechanisim for Secure User Allocation, Turkish Journal of Computer and Mathamatics Educaion, Vol.12, No.3, PP: 4284-4297, 2021.
42	2021	Dr.N. Vimala	An Efficient Privacy Preserving using Map Reduce based International Data Encryption Algorithm and weighted Auto Encoder, Design Engineering, ISSN: 0011-9342, Issue: 8, PP:2492-2504, 2021.
43	2021	Dr.N. Vimala	Big Data Mining Using Clustering Algorithm with WEKA Distribution, International Conference on Data Science And Information Eco System, ISSN:978-93-80686-04-2, 2021.

44	2021	V.Suhasini	A Hybrid TF-IDF and N-Grams Based Feature Extraction Approach for Accurate Detection of Fake News on Twitter Data, Turkish Journal of Computer and Mathematics Education (Scopus Indexed), Volume.12 No.06, PP:5710-5723,2021.
45	2021	Dr.N. Vimala	A Hybrid TF-IDF and N-Grams Based Feature Extraction Approach for Accurate Detection of Fake News on Twitter Data, Turkish Journal of Computer and Mathematics Education (Scopus Indexed), Volume.12 No.06, PP:5710-5723,2021.
46	2021	M.Malathi	A Study on Cardiovascualar Disease Prediction using Data Mining Techniques, Journal of Shanghai Jiaotong University, ISSN:1007-1172, 2021.
47	2021	Dr.T.Jayalakshmi	A Study on Cardiovascualar Disease Prediction using Data Mining Techniques, Journal of Shanghai Jiaotong University, ISSN:1007-1172, 2021.
48	2021	Dr.N. Vimala	Secured And Trust Aware Routing Scheme for Wireless Sensor Network with The Concern Of Packet Dropping Attacker Nodes, Design Engineering, ISSN: 0011-9342 Issue: 7, PP: 6587-6607, 2021.
50	2021	Dr.T.Jayalakshmi	A Hybrid Denoising Algorithm for Patterened Fabric Images, Design Engineering, ISSN: 0011-9342, 2021.
51	2021	Dr.A.Anbarasi	An Improvised Multilayer Perceptron Network Using Boosted Regression Tree Based Missing Value Imputation and Fuzzy Backward Elimination Feature Selection for Autism Disease Prediction, Efflatounia, ISSN: 1110-8703, Volume: 5 Issue 2, PP.2119 – 2131, 2021.
52	2022	Dr.R.Vidyabanu	Resilience Hidden Markov Model Based Support Vector Machine for Cross-Domain Sentiment Classification In Big Data, Journal Of Theoretical And Applied Information Technology, ISSN: 1992-8645, Volume.100(5), 2022.
53	2022	Dr.T.Jayalakshmi	Patterned Fabrics Features Extractions and Selection Based on Robust Feature Extraction and Particle Swarm Optimization Method, Artificial Intellegence-A Game Changer for Maritime Business, ISBN: 978-93-85434-43-3, 2022.

54	2022	Dr.N. Vimala	Cluster Head Selection Algorithm in WSN Using MOPSO, Artificial Intellegence- A Game Changer for Maritime Business, ISBN: 978-93-85434-43-3,2022.
55	2022	Dr.K. Sarojini	A Review on Image Segmentation Algorithms for Disease in Detection in Leaves and Fruits,Journal Of Emerging Technologies And Innovative Research, ISSN:2349-5162, 2022.
56	2022	Dr.K. Sarojini	A Review On Fruit Disease Detection And Classification Using Computer Vision Based Approaches, International Journal Of Innovative Research And Technology,ISSN: 2456 – 2165, 2022.
57	2022	V.Suhasini	Fake News detection using Sentiment Analysis and Machine Learning Algorithms, TELEMATIQUE, Volume.21, 2022.
58	2022	N.Sundaravalli	De-noising for COVID- 19 Images using wavelet Transforms,2022.
59	2022	Dr.A.Anbarasi	A Concatenation of deep and texture features for medicinal Trash image classification EnSegNet DNN based transfer learning,Materials Today : Proceedings Elsevier, ISSN : 2214 7853 Volume. 62, 2022.
60	2022	Dr.A.Anbarasi	Multi Parametric Multiple Kernal Deep Neural Networkfor Crop Yield prediction, Materials Today: Proceedings Elsevier, ISSN: 2214 7853 Volume. 62, 2022.
61	2022	N.Vimala	An Integrated Methodologies for privacy Preserving in Cloud over Big data using Hadoop Framework, International Journal of Creative Research Thoughts, ISSN: 2320-2882, 2022.
62	2022	V.Suhasini	Detection of online fake news using Optimized Ensemble Deep Learning Models, 2022.
63	2023	V.Suhasini	Prediction of Fake Twitters using AdaBoost – Based Neuro Evolution of Augmenting Topologies Algorithm, Journal of Advances in Computing and Information, Volume.1, ISSN1876-1119, PP: 15 – 26, 2023.
64	2023	R.Komalavalli	Sentiment Analysis and Hybrid Two-Tier Meta – Learning Classification for COVID 19 Rumor Tweet Discovery, Journal of METSZET, Volume 8, Issue 11, Pp. 333-351, 2023.

65	2023	Dr.R.Vidyabanu	Sentiment Analysis and Hybrid Two-Tier Meta – Learning Classification for COVID 19 Rumor Tweet Discovery, Journal of METSZET, Volume 8, Issue 11, Pp. 333-351, 2023.
66	2023	R.Komalavalli	COVID – 19 Vaccine Hesitancy Tweets Detection using Majority Voting Based Ensemble Classification, Journal of Fundamental and Comparative Research, Volume. IX, Issue.II, PP:193-202, 2023.
67	2023	Dr.R.Vidyabanu	COVID – 19 Vaccine Hesitancy Tweets Detection using Majority Voting Based Ensemble Classification, J o u r n a l F u n d a m e n t a l a n d Comparative R e s e a r c h , Volume. IX, Issue.II, PP:193-202, 2023.
68	2023	N.Suganthi	COVID – 19 Diagnosis using Chaotic Logistic Map Based Modified Whale Optimization: A Robust Feature and Parameter Selection Approach, Journal of Revue d' Intelligence Artificielle (RIA), Volume. 37, Issue 5, 2023.
69	2024	Dr.A.Anbarasi	Deep Adaptive Intuitionstic Expert System for Early Prediction of Autism Spectrum Disorder Among Children, Journal of Nonlinear Analysis and Optimization, ISSN: 1906 – 9685, Volume 15, Issue 01, 2024.
70	2024	Dr.A.Anbarasi	Determining Adverse Effects of COVID – 19 Vaccination using Machine Learning and Deep Learning Classification and Identification, Journal of Springer Journal, Acceptance Received 2024.
71	2024	N.Sundaravalli	Automated Feature Extraction and Classification of COVID – 19 Chest X-ray Images using Convolutional Neural Networks and XGBoost Algorithms, Journal of Basic Science and Engineering, Volume21 No.1, ISSN: 1005 – 0930, Page 1338-1362, 2024.