

**VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY
MADURAI**

Published research papers in the Journals during the last five years

Department of Computer Science and Engineering

2016 – 2017 – Total = 31

S.No	Title of the Paper	Name of the Author's	Name of the Journal	Year of Publication
1.	Cost-effective polynomial-based multicast– unicast key distribution framework for secure group communication in IPv6 multicast networks	Dr.P.Alli Dr.G.Vinoth Chakkravarthy	IET Information Security(SCI)	2016 pg.no:1-10 ISSN:1751-8709
2.	Cost-effective multicast-unicast based key management for secure group communication	Dr.P.Alli	Advances In Natural And Applied Sciences(SCOPUS)	September 2016 Vol:10(3) pg.no:9-21 ISSN:1998-1090
3.	Despeckling of SAR images using Intensity coherence vector		Asian Journal of Information Technology(SCOPUS)	2016 Vol:15(3) pg.no:518-532 ISSN:1682-3915
4.	Automated detection of retinal lesions in Digital retinal images for grading of diabetic retinopathy		Asian Journal Of Information Technology(SCOPUS)	2016 Vol:15(6) pg.no:1015-1022 ISSN:1682-3915
5.	Enabling resource awareness in integrated sensor grid framework Using cross layer scheduling mechanism		Journal of Circuits and systems	August2016 Vol:7(10) pg.no:3212-3227 ISSN: 2153-1293 DOI:10.4236/cs.2016.710274
6.	Optimizing Task, Memory and Energy of Wireless sensor grids using Grid Cluster based multilevel Priority Scheduling		Asian journal of Research in social sciences and humanities	March 2017, Vol:7(3), pg.no:382-396 ISSN:2249-7315 DOI:10.5958/2249-315.2017.00177.0
7.	Feeding Big data for enhanced search engine applications		International Journal Of Computer Science	February 2017 Vol:5(1), pg.no :1870-1879 ISSN:2348-6600
8.	Study of Multimedia Security:Multimedia forgery detection and History-A Survey		Dr.S.Poonkuntran	International Journal Of Printing, Packaging & Allied Science
9.	Gameover Zeus Botnet gain control CPA Algorithm	International Journal Of Printing, Packaging & Allied Science		December 2016 Vol:4(5), Pg.no:3266-3273 ISSN: 2320-4387

10.	Test Suite Generation of t- way CIT with constraints for Web Based Application	Dr.R.DeepaLakshmi	International Journal Of Computer Science And Information Technologies	2016, Vol:7(4), Pg.no:2006-2010 ISSN:0975-9646
11.	Children Security System	Mrs.S.Padmadevi	International Journal Of Multee-Disciplinary Research	April 2017, Vol:3(2), Pg.no:195-198 ISSN: 2454-1524
12.	A Bee Swarm optimized Trust based Security Mechanism in Ad Hoc Network	Dr.J.V. Anchitalagammai	Journal Of Medical Imaging And Health Informatics(SCI)	2016 Vol:6(8) pg.no: 2069-2074 ISSN:2156-7018
13.	Secure framework for multipath DSR protocol to mitigate the malicious node impact in Manet		International Journal Of Printing, Packaging & Allied Sciences	December 2016, Vol:4(5), Pg.no: 3054-3064 ISSN:2320-4387
14.	Generic Medicine Application Using Android		International Journal for trends in Engineering and Technology	April 2017 Vol:22(1) Pg.no:29-32 ISSN:2349-9303
15.	An Efficient De-duplication Mechanism in Multinode Hadoop Distributed File System Environment	Mr. K.S.Seetharaman	International Journal Of Advanced Research Methodology in Engineering andTechnology	March 2017 Vol:Special issue Pg.no:8-13 ISBN: 978-1-63535-324-2
16.	VLSI Implementation of Hough Transform To Reduce Resource on an Image	Mr.T.M.Senthil Ganesan	International Journal for Science and Advance Research In Technology	May 2017, Vol:3(5), Pg.no: 228-231 ISSN: 2395-1052
17.	Location Awareness Services in Terrestrial Region using Cognitive Radio Technique	Ms.M.Suriya	IJAICT	March 2017 Vol:3(11) Pg.no: 1191-1196 ISSN:2348-9928
18.	Student Information Management system	Mr. S. Murali	International Journal Of Advanced Research Methodology In Engineering And Technology	May 2017 Vol:1(3) Pg.no: 91-95 ISSN: 2456-6446
19.	E-Deepam-A SMS Based Prayer with Deepam for Holy Places to Pilgrimages on Demand	Dr.S.Poonkuntran	International Conference on Computation, Communication and Innovation, AlagappaChettiar College of Engineering and Technology, Karaikudi, Tamilnadu India	October 2016 Page No. 182-183 ISBN:978-93-86176-35-6

20.	Study of Multimedia Security: Multimedia Forgery Detection- A survey		International Conference on Engineering and Technology (ICET 2016), Karpagam College of Engineering and Technology, Coimbatore	December 2016 Page. No. 368-372 ISBN: 978-1-5090-3212-9
21.	Peer-2-Peer Botnet Manage SDT Security Algorithm		IEEE International Conference on Computational Intelligence and Computing Research, (Indexed by IEEEXplore)	December 2016 Page No.652-656 IEEE ISBN: 978-1-5090-0610-6
22.	Secured Face Detection Watermarking on E-Voting		International Conference on Advanced Computing and Communication Systems (ICACCS - 2017),(Indexed by IEEEXplore) Coimbatore, India	January 2017 Page No. 1005-1008 IEEE ISBN: 978-1-5090-4558-7
23.	An Enterprise Frame work to foretell the rate of vegetable commodities using Big data		International Conference on Computation, Communication and innovation, AlagappaChettiar College of Engineering and Technology ,Karaikudi, Tamilnadu India	October 2016 Page No:172-178 ISBN:978-93-86176-35-6
24.	A New Frame Work for Big data analytics to predict the price of vegetable commodities	Dr.R.DeepaLakshmi	ISRO sponsored Indian conference on data analytics, big data , data mining and Data science(ICD4'16) , KLN College of Information Technology	October2016 Page No:1-9 ISBN 978-1-62535-858-2
25.	Shared Data Security using Public Auditing tasks in Cloud Computing		ICAET2017	2017 ISBN:13;978-1545227169
26.	Voice Based Mail Attachment for Visually Challenged People		NCRACS'17	2017 Page No:554-558
27.	Clustering of Interaction Pattern among Brain regions and detecting abnormalities in Brain	Mrs.C.B.Selvalakshmi	4 th International Conference on trends in Technology and Engineering ,Arjun College of Technology	April 2017

28.	Generic Medicine Application Using Android	Dr.J.V. Anchitalagammai	International conference For Trends In Engineering & Technology	April2017
29.	Assessment System in Newspaper Based On Text Mining	Ms. J. Shantha Lakshmi Revathy	Sixth International Conference on Emerging trends in Engineering and Technology (ICETET'16)	2016 pp.67-71 ISSN: 2248-9622
30.	A Novel and efficient De-duplication system for HDFS	Mr. K.S.Seetharaman	Elsevier - 2nd International Conference on Intelligent Computing, Communication & Convergence(ICCC-2016), Interscience Institute of Management and Technology Bhubaneswar, Odisha, India	August 2016 Page No::498-505 ISSN:1877-0509 DOI : 10.1016/j.procs.2016.07.374
31.	An Efficient De-Duplication Mechanism in Multinode Hadoop Distributed File System Environment		International conference on modern Applications in Engineering and Technology	2017 Page No:8-13

2017 – 2018 – Total = 72

S.No	Title of the Paper	Name of the Author's	Name of the Journal	Year of Publication
1.	A Feature Fusion Approach to Classify Diabetic Retinopathy with Modified Support Vector Machine	Dr.P.Alli	Research Journal Of Biotechnology(SCI)	August 2017 pg.no: 20-28 ISSN: 0973-6263
2.	A Machine Learning Ensemble Classifier for Early Prediction of Diabetic Retinopathy		Journal of Medical Systems(SCI)	November 2017 Pg.no: ISSN:1573-689X
3.	Turtle edge encoding and flood fill based image compression scheme		Cluster Computing - The Journal Of Networks, Software Tools And Applications(SCOPUS)	February 2018 pg.no: 1-17 ISSN:1386-7857
4.	Pattern-based Chain Code for Bi-level Shape Image Compression		TAGA JOURNAL	2018 Vol:14 Pg.no: 3064-3080 ISSN: 1748-0345
5.	A new approach for Dynamic Price Prediction of vegetable commodities using statistical price prediction (SPP) Techniques	Dr.R.DeepaLakshmi	Journal of Engineering and Applied Sciences	2017 Vol:12(14) pg.no: 3644-3611
6.	Improved Home Automation System based on GSM		IJAICT	March 2018 Vol:4(11) Pg.no: 1312-1317 ISSN: 2348-9928
7.	Smart glass implementation using Machine Learning for Visually challenged		Journal Of Scientific And Industrial Research	2018 Pg.no:1-14 ISSN: 0975-1084
8.	Design, Development And Evaluation Of A Grading System For Peeled Pistachios	Dr.G.Vinoth Chakkaravarthy	International Research Journal Of Engineering And Technology (IRJET)	March 2018 Vol:5(3) Pg.no: 3641-3644 ISSN: 2395-0056
9.	Training and Placement Cell Application		International Research Journal Of Engineering And Technology (IRJET)	March 2018 Vol:5(3) Pg.no: 2422-2424 ISSN: 2395-0056
10.	Schematization of Bio-Degradable waste in Rural City of Tamilnadu		International Journal of Creative Research Thoughts-IJCRT	April 2018 Vol:6(2) Pg.no: 405-412 ISSN: 2320-2882
11.	Auto –off Water level sensing compressor		Elysium Journal of Engineering Research & Management	April 2018 Vol:5(2) Pg.no:1-4 ISSN: 2347-4734
12.	GPS bus tracking and Announcements Systems	Ms.C.B.Selva Lakshmi Mrs. K. Santha Sheela Ms.T. Grace Shalini	International Journal of Advanced Research Methodology in Engineering & Technology	January 2018 Vol:2(1) Pg.no: 54-59 ISSN: 2456-6446

13.	Pollution Detection System	Ms.C.B.Selva Lakshmi	IJAICT	March 2018 Vol:4(11) Pg.no:1273-1277 ISSN: 2348 – 9928
14.	E-Academic Wallet for Students Application	Ms.S.Padmadevi	International Research Journal Of Engineering And Technology (IRJET)	March 2018 Vol:5(3) Pg.no: 1418-1422 ISSN: 2395-0056
15.	Intelligent Manhole Cover	Dr.J.V. Anchitaalagammai	IJAICT	March 2018 Vol:4(11) Pg.no: 1322-1337 ISSN: 2348 – 9928
16.	Pharmaceutical Field Sales Performance using Business Intelligence	Ms.S.Kavitha	International Journal of Creative Research Thoughts-IJCRT	March 2018 Vol:6(1) Pg.no: 1040-1045 ISSN: 2320-2882
17.	Security using Colors and Armstrong Numbers		International Journal of Creative Research Thoughts-IJCRT	March 2018 Vol:6(1) Pg.no:1077-1087 ISSN: 2320-2882
18.	Healthcare Cyber –Physical System Assisted by Cloud and Big Data	Mr. K. Azarudeen	Elysium Journal of Engineering Research &Management	April 2018 Vol:5(2) Pg.no:1-4 ISSN: 2347-4734
19.	Prognostication of Student Dropouts in College	Ms. J. Shantha Lakshmi Revathy	IJAICT	March 2018 Vol:4(11) Pg.no: 1351-1354 ISSN: 2348 – 9928
20.	A Personalized Web Browser		International Research Journal of Engineering and Technology	April 2018 Vol:5(4) Pg.no: 442-445 ISSN: 2395-0072
21.	An Efficient Duplication strategy Cluster in Multinode HDFS Cluster Environment	Mr. K. S. Seetharaman	International Journal of Electronics, Electrical and Computational System- IJEECS	July 2017 Vol:6(7) Pg.no: 65-71 ISSN: 2348-117X
22.	Intrusion Detection System by Aggregating Corelated Naïve Bayes Predicions		International Journal of Creative Research Thoughts-IJCRT	September 2017 Vol:5(3) Pg.no:1-10 ISSN: 2320-2882
23.	QR Code Authentication based Goods Delivery system		Elysium Journal of Engineering Research &Management	February 2018 Vol:5(1) Pg.no:1-4 ISSN: 2347-4734
24.	Agricultural Productivity System	Mr. S. Kharthikeyan	International Research Journal Of Engineering And Technology (IRJET)	March 2018 Vol:5(3) Pg.no: 3384-3386 ISSN: 2395-0056
25.	Public Opinion Analysis on Law Enforcement	Ms.R.Sarala	International Research Journal Of Engineering And Technology (IRJET)	March 2018 Vol:5(3) Pg.no: 3358-3363 ISSN: 2395-0056

26.	Performance of MMSE based MIMO RADAR waveform design in White and Colored Noise	Mr.T.M.SenthilGanesan	International Journal on future revolution in Computer science and Communication Engineering	December 2017 Vol:3(12) Pg.no:204-208 ISSN: 2454-4248
27.	3DGame Development using Unity Game Engine		International Journal Of Scientific And Engineering Research	March 2018 Vol:9(3) Pg.no: 1353-1356 ISSN:2229-5518
28.	Content Based Image Retrieval(CBIR)		International Research Journal Of Engineering And Technology (IRJET)	March 2018 Vol:5(3) Pg.no: 2430-2433 ISSN: 2395-0056
29.	Enhancing Energy in WBAN Through Cognitive Radio Networks	Ms. M. Suriya	IJAICT	March 2018 Vol:4(11) Pg.no: 1300-1304 ISSN: 2348 – 9928
30.	Intelligent Medical Information System		IJAICT	March 2018 Vol:4(11) Pg.no: 1278-1285 ISSN: 2348 – 9928
31.	DFAA-A Dynamic Flow Aggregation Approach against SDDOS Attacks in Cloud	Ms. S. Ezhilarasi	International Research Journal Of Engineering And Technology (IRJET)	June 2017 Vol:4(6) Pg.no:2820-2824 ISSN: 2395 – 0056
32.	HHH-A Hyped-Up Handling of Hadoop based SAMR-MST for DDOS Attacks in Cloud		International Research Journal Of Engineering And Technology (IRJET)	March 2018 Vol:5(3) Pg.no:3651-3655 ISSN: 2395 – 0056
33.	ARIF: Advanced Routing And Information Security Framework In Mobile Adhoc Network		SSRG International Journal Of Computer Science and Engineering-SSRG-IJCSE	April 2018 Pg.no: 154-159 ISSN: 2348-8387
34.	Survey On Reuse Of Sewage In Agriculture	Mrs. K. Santha Sheela	IJAICT	November 2017 Vol:4(7) Pg.no:1265-1267 ISSN: 2348 – 9928
35.	Automatic Letter Generation using Web Programming		International Journal of Innovative Research in Science ,Engineering and Technology	March 2018 Vol:7(2) Pg.no: 132-141 ISSN: 2319-8753
36.	Soil Moisture Measurements using IoT and Sensors		International Journal of Modern Trends in Engineering and Science -IJMTES	2018 Vol:5(2) Pg.no:40-44 ISSN: 2348-3121
37.	A Survey on Energy Efficient Network Based Hierarchical Routing Protocols	Ms. G. Susan Shiny	International Journal of Recent Engineering Research and Development (IJRERD)	June 2017 Vol:2(6) Pg.no:68-74 ISSN: 2455-8761

38.	Smart Dustbin-Wet and Dry(Metal) Waste Segregator with Alert system		International Journal of Creative Research Thoughts-IJCRT	March 2018 Vol:6(1) Pg.no:931-934 ISSN: 2320-2882
39.	Virtual Assignment Forum	Ms.T. Grace Shalini	International Research Journal of Engineering Sciences	June 2018 Vol:4(1) Pg.no:1-6 ISSN:2394-983X
40.	Improving network performance in VANET using SADV routing protocol	Ms. P. R. Hemalatha	International Journal of Research in Computer Science-IJRCS	2017 Vol:4(4) Pg.no: 14-16 ISSN:2349-3828
41.	Prevent Accident For Car Over Dichotomized Model In Vanet By Predicament Messages	Ms. T. Suba Nachiar	International Journal of Multidisciplinary Research (IJMR)	April 2018 Vol:4(4) Pg.no:11-16 ISSN: 2455-3662
42.	Design and Development of Web application for student Placement training-KNACK TRACK	Ms.V.Lavanya	International Research Journal of Engineering and Technology	March 2018 Vol:5(3) Pg.no:1-5 ISSN: 2395-0056
43.	Detracting Cost In Geo Disturbed Data Center	Dr.S.Poonkuntran	2nd International Conference On Recent Trends In Engineering, Computers, Information Technology And Applications, ICRTECITA – 2018,PSNA College Of Engineering And Technology,Dindigul, Tamilnadu	March 2018 Page No. 288-292
44.	Staff Leave Management System For VCET		2nd International Conference On Recent Trends In Engineering, Computers, Information Technology And Applications, ICRTECITA – 2018,PSNA College Of Engineering And Technology,Dindigul, Tamilnadu	March 2018 Page No. 24-27
45.	Safelace A Women Safety Device		Organization of Science and Innovative Engineering &Technology,Jawahar Engineering College	2018 ISBN No:978-81-923607-3-7

46.	Secure Data Exchange Using Watermarking		3 rd International conference on computational intelligence, Sethu Institute of Technology, Madurai, Tamilnadu	April 2018 ISBN:978-93-87871-18-2
47.	Classification of Satellite Images based on Cellular automata	Dr.S.Poonkuntran Mr.K.Azarudeen	3 rd International conference on computational intelligence, Sethu Institute of Technology, Madurai, Tamilnadu	April 2018 ISBN:978-93-87871-18-2
48.	Collision Avoidance In Vehicles Due To Fog		4 th International Conference On Science Engineering Technology- ICONSET 2018, Jeppiaar Engineering College	March 2018 Page No. 1-6
49.	Smart glass implementation using Machine Learning for Visually challenged	Dr.R.DeepaLakshmi	4th National Conference on Research in Electronics Engineering and Communication Techniques, SRM Institute of Science and Technolgy	April 2018 Page No. 1-11
50.	Comprehensive survey on Algorithms for utilizing and advancing the analysis of data to serve Flood Management situations		8th International Conference on Science and Innovative Engineering ICSIE 2018	
51.	Scheming a new algorithm for Dynamic Price Prediction of vegetable commodities using Statistical Price Prediction (SPP) Technique		International Conference on Current Trends in Engineering & Technology (ICCTET - 2018)	March 2018
52.	An Integrated GIS and Knowledge based system for precision agriculture	Dr. G. VinothChakkaravarthy	2nd International Conference On Recent Trends In Engineering, Computers, Information Technology And Applications, ICRTECITA – 2018, PSNA College Of Engineering And Technology, Dindigul, Tamilnadu	March 2018 Page No. 288-292 ISBN:

53.	GPS bus tracking and Announcements Systems & Technology		International Conference on Advancements in Engineering	January 2018 Page No:98-101 ISBN:978-81-934051-3-0
54.	Intelligent Power Controller Manage and Reduce over Power Utilization	Mrs.C.B.Selva Lakshmi Mrs. K. Santha Sheela Mrs. T. Grace Shalini	3 rd International conference on computational intelligence, Sethu Institute of Technology, Madurai, Tamilnadu	April 2018 ISBN:978-93-87871-18-2
55.	Pollution Detection System		5 th International Conference on current trends in engineering and Technology- ICCTET2018 Akshaya College of Engineering and technology	March 2018
56.	Drowning Detection System	Mrs.S.Padmadevi	3 rd International conference on computational intelligence, Sethu Institute of Technology, Madurai, Tamilnadu	April 2018 ISBN:978-93-87871-18-2
57.	Intelligent Manhole Cover	Dr.J.V.Anchitalagam mai	ICCTET 2018 - Akshaya College of Engineering and Technology, Coimbatore	March 2018
58.	Security Using Colors And Armstrong Numbers		3 rd International conference on computational intelligence, Sethu Institute of Technology, Madurai, Tamilnadu	April 2018 ISBN:978-93-87871-18-2
59.	Pharmaceutical Field sale analysis using business intelligence	Mrs.S.Kavitha	5 th International Conference on Emerging Trends in Engineering and Technology- ICETET'18, Pandian Saraswathy Yadhav Engineering College	March 2018
60.	A Personalized Web Browser	Ms. J. Shantha Lakshmi Revathy	3 rd International conference on computational intelligence, Sethu Institute of Technology, Madurai, Tamilnadu	April 2018 ISBN:978-93-87871-18-2

61.	An Efficient De-Duplication strategy in Multinode HDFS Cluster Environment	Mr. K. S. Seetharaman	7th International Conference on Engineering Technology, Science and Management Innovation (ICETSMI-2017), IETE, Delhi) Institution of Electronics and Telecommunication Engineers, Lodhi Road, Delhi, India	July 2017 Page No:114-120 ISBN: 978-81-934083-7-7
62.	AIS :Automation of Irrigation System-A smart way of Irrigation	Mr. S. Kharthikeyan	3 rd International conference on computational intelligence, Sethu Institute of Technology, Madurai, Tamilnadu	April 2018 ISBN:978-93-87871-18-2
63.	Agricultural Productivity System		3 rd International conference on computational intelligence, Sethu Institute of Technology, Madurai, Tamilnadu	April 2018 ISBN:978-93-87871-18-2
64.	Intelligent Travel Management using Android	Mrs.R.Sarala	4 th International Conference On Science Engineering Technology- ICONSET 2018, Jeppiaar Engineering College	March 2018 Page No. 1-5
65.	DFAA-A Dynamic Flow Aggregation Approach against SDDOS Attacks in Cloud”, June 2017	Ms. S. Ezhilarasi	International conference on intelligent computing and control, I2C2'17 (IEEE Sponsored)	June 2017
66.	ARIF:Advanced Routing And Information Security Framework In Mobile Adhoc Network		2nd International Conference On Recent Trends In Engineering, Computers, Information Technology And Applications,	March 2018 Page No. 687-692
67.	Automatic Letter Generation using Web Programming	Mrs. K. Santha Sheela	National Conference on emerging trends in data science and technology [NCETDS T '18]	March 2018 Page No:13

68.	“Automatic Monitoring System For Driver Using Eye Blink Sensor”		2nd International Conference On Recent Trends In Engineering, Computers, Information Technology And Applications, ICRTECITA – 2018,PSNA College Of Engineering And Technology,Dindigul, Tamilnadu	March 2018 Page No:191-196
69.	Intelligent Power Controller Manage and Reduce over Power Utilization		3 rd International conference on computational intelligence, Sethu Institute of Technology, Madurai, Tamilnadu	April 2018 ISBN:978-93-87871-18-2
70.	Virtual Assignment Forum	Mrs. T. Grace Shalini	5 th International Conference on Emerging Trends in Engineering and Technology- ICETET’18, Pandian Saraswathy Yadhav Engineering College, Madurai, Tamilnadu	March 2018
71.	Traffic Management using VANET Routing Protocols	Ms. P. R. Hemalatha	6 th International Conference on Design and Application of Structures, Drives, Communicational and Computing Systems	October 2017
72.	Mobile Application Based On Swachh Bharat	Ms. T. Suba Nachiar	2nd International Conference On Recent Trends In Engineering, Computers, Information Technology And Applications, ICRTECITA – 2018,PSNA College Of Engineering And Technology,Dindigul, Tamilnadu	March 2018 Page No:253-256

2018 – 2019 – Total = 19

S.No	Title of the Paper	Name of the Author's	Name of the Journal	Year of Publication
1.	Feature Selection and Parameters Optimization of Support Vector Machines based on Hybrid Glowworm Swarm Optimization for Classification of Diabetic Retinopathy	Dr.P.Alli	Journal of Medical Systems(SCI)	ISSN: 0148-5598 E-ISSN: 1573-689X
2.	Global CSR-A Platform that Connects the Society with the Corporates	Dr.R.Deepalakshmi	International Journal of Innovative Technology and Exploring Engineering (IJITEE) (SCOPUS)	2019& April/ Volume-8 Issue-6S/ PP 402-406/ISSN:2278-3075/pg.no:232-236
3.	Intelligent Power Controller	Ms.C.B.Selva Lakshmi Ms.T. Grace Shalini	International Journal of Pure and Applied Mathematics(SCOPUS)	2018 Vol:119(15) Pg.no:1719-1725 ISSN:1314-3395
4.	Agent based optimized EL-ABC protocol for energy efficient wireless sensor networks	Mrs.SusanShiny.G	Sylwan(SCI)	Pg. no:24-31 vol:162(6) ISSN:0039-7660
5.	Smart Chair Tele-medicine Based Health Monitoring System	Dr.Vinoth Chakkaravarthy	SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE)	Special Issue ICTER Mar 2019
6.	A Novel Software Package Selection Method using Teaching Learning Based Optimization and Multiple Criteria Decision Making	Dr.S.Sasikala	IEEE Transactions on Engineering Management	June 2019
7.	Sentiment Analysis using CNN AND SVM	Dr. J. V. Anchitalagammai	International Journal of Innovative Research in Computer and Communication Engineering	Volume 8, Issue 5, May 2020 e-ISSN: 2320-9801 Impact Factor: 7.488 Pg.No: 1841-1848
8.	Automobile Collision Avoidance System	Ms.C.B.Selva Lakshmi	SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE)	Issue 2348 – 8387 Pages 31-34,May 2019
9.	DFE approach for CMFD on Digital Images	Dr.S Poonkuntran	International Symposium on Artificial Intelligence and Computer Vision, AICV' 2018	September 2018

10.	Hybrid Copy Move Forgery Detection(MFE Approach) on Digital Images		International Conference on Digital Image Processing and Biomedical Informatics (SAPIENCE)	September 2018
11.	Block Chain Based Key Management Using Tree Based Data Processing Algorithm For Vanet	Dr.G.Vinoth Chakkaravrthy	International Conference on Science, Computers, Technology and Engineering (ICSCTE -2018), Shree Velagapudi Ramakrishna Memorial College , Andhra Pradesh, India	26 th and 27 th October 2018
12.	Automobile collision avoidance System	Mrs.C.B.Selva Lakshmi	International Conference on Trending Technologies in Engineering Research (ICTER-2019)/Mangayarkarasi College of Engineering ,Madurai	March 2019
13.	A Real Time Passenger Flow Estimation and Prediction Method for Bus transit systems in Urban Areas		International Conference on Trending Technologies in Engineering Research (ICTER-2019)/Mangayarkarasi College of Engineering ,Madurai	March 2019
14.	“Intelligent car parking system using Wireless Sensor networks”,	S.Padmadevi	International Conference on Trending Technologies in Engineering research (ICTER-2019)	March 15 2019
15.	Memory Conservation in Video Surveillance Camera		International Conference on Trending Technologies in Engineering research (ICTER-2019)	March 15 2019
16.	A novel approach of pattern matching techniques in intrusion detection systems	Mr.K.Azarudeen	7 th International Conference On Hi Tech Trends In Engineering Computational Technologies-SITCON 2019	Mar 2019 2019

17.	Child Safety Wearable device	Mrs.V.Lavanya	ICRTCRET-2019	March 2019
18.	Data Security in Cloud Computing Using AES Under HEROKU Cloud	Mrs. K. Santha sheela	National Conference on open data Sciences	October 2018
19.	DRIVER ALERTNESS DETECTION	Mrs.T.Graceshalini	Proceedings of the International on Science and Innovative Engineering ,(ICSIE-2019) 24th March 2019	March 2019

2019 – 2020 – Total = 30

S.No	Title of the Paper	Name of the Author's	Name of the Journal	Year of Publication
1.	Concept Aware Related Forum Post Retrieval Framework With Increased User Satisfaction Level	Dr.P.Alli	Applied Mathematics and Information Sciences (SCOPUS)	2019& August/ Volume-13 Issue- s1/ PP 303- 312/ISSN:1935- 0090/pg.no:232- 236
2.	Certain Investigation On Biomedical Impression And Image Forgery Detection	Dr.S.Poonkuntran	International Journal of Biomedical Engineering and Technology (SCI)	<u>10.1504/IJ BET.2018.100234 69</u>
3.	An Application Of Cellular Automata: Satellite Image Classification		Springer Book Series on Computational Vision and Bio-Inspired Computing (ICCVBIC 2019) (SCOPUS)	Vol.No. 1108, Page No. 1085- 1093, Sep 2019 https://doi.org/10.1007/978-3-030-37218-7_114
4.	Study Of The Importance Of Digital Forensics And Deep Learning Tools		International Journal of Advanced Science and Technology (SCOPUS)	Vol. 28, No. 20, (2019), pp. 963- 978, ISSN: 2005- 4238(Print), ISSN: 2207-6360 (Online)
5.	"LPG: A Novel Approach For Medical Forgery Detection In Image Transmission		Springer Journal of Ambient Intelligence and Humanized Computing (SCI)	https://doi.org/10.1007/s12652-020-01932-0
6.	An Efficient Soft Computing Approach For Securing Information Over GAMEOVER Zeus Botnets With Modified CPA Algorithm		Accepted for the publication in the Springer International Journal on Soft Computing (SCI)	Accepted and Yet to be Published
7.	Satellite Image Classification Using Cellular Automata		Dr.S.Poonkuntran Dr.P.Alli	Accepted for the publication in the International Journal of Image and Graphics, World Scientific Publishing Company (SCI)
8.	Crossover-Based Improved Sine Cosine Algorithm for Multimedia Content Distribution in Cloud Environment	Dr. R. Deepalakshmi	Journal of Circuits, Systems and Computers	Accepted 3 May 2020, Published: 17 September 2020.
9.	New SMS based Anti- theft security system for two-wheelers using GSM and GPS	Dr. R. Deepalakshmi	International Journal of Innovative research	Volume 8 Issue 8 August 2020

10.	Enlarging Text For Individuals Suffering From Low Vision	Dr.R.Deepalakshmi Dr.R.Vijayalakshmi	International Journal of innovative Technology and Exploring Engineering(SCOPUS)	2019&December Vol: 9,Issue :2,Pg No.3666- 3670/ISSN: 2278- 3075
11.	Intellectual Resource Sharing Scheme In Cloud Environment	Dr.R.Vijayalakshmi	Journal of Advanced Research in Dynamical and Control systems(SCOPUS)	2019 & October Vol:11,Issue 10,pg no:7-12/ISSN: 1943-023X
12.	Detecting Spammers in Social Media using Data Mining Techniques	Dr.R.Vijayalakshmi	International Journal of Innovative research in Computer and Communication Engineering	Volume 8,Issue 4,April 2020
13.	An Artificial Intelligence Powered Ticket Booking Chatbot	Dr.R.Vijayalakshmi	International Journal of Innovative research in Computer and Communication Engineering	Volume 8,Issue 4,May 2020
14.	A Secure Cloud-Based Heterogeneous Network Using A Novel Routing Protocol For Smart Military Applications	Dr.S.Sasikala	International Journal of Innovative Technology and Exploring Engineering (IJITEE) (SCOPUS)	Volume-8 Issue-6, April 2019.
15.	A Model for Predicting Human Depression using Machine Learning Algorithm	Dr.S.Sasikala	International Journal of Innovative Technology and Exploring Engineering	Volume-9 Issue- 3S/ PP. 402-406, 2020
16.	Sera: A Circular Path Clustering Approach For Wireless Sensor Network	Dr.J.V.Anchitaalagam mai	International Journal of Scientific & Technology Research (SCOPUS)	2020&JanuaryVol 9, Issueno:01, pg.No:635- 639/ISSN 2411- 2417
17.	A Prediction And Food Recommendation System For Chronic Disease	Ms.C.B.Selva Lakshmi	International Journal of Innovative Science and Research Technology(IJISRT)	Volume-8 Issue- 6May 2020
18.	Detecting Network Intrusion based on Machine Learning Algorithms	Mrs.S.Kavitha	International Journal of P2P Network Trends and Technology (IJPTT)	Volume 10 Issue 3 – May - June 2020- ISSN: 2249-2615
19.	Machine Learning Based Autotuning in Compiler Optimization	Mr.Azarudeen.K	International journal of innovative research in computer and communication engineering	Volume 8 Issue 07 July 2020
20.	Secure Access Controlling Model for Blockchain-Based Electronic Health Records	Mr. S. Murali	International Journal of Innovative Research in Computer and Communication Engineering	Volume 8, Issue 4 April 2020

21.	Improvising Reliability And Security In Multiple relay Network Using Optimal Scheduling	Dr.S.J.Subhashini	International Journal of Recent Technology and Engineering (IJRTE) (SCOPUS)	2019& July/Vol-8 Issue no:2/pg.noo:1243-1248/ISSN:2277-3878
22.	Zif-Zone Centric Interest Forwarding Strategy In Ndn Based Vehicular Adhoc Networks	Mrs.S.Padmadevi	International Journal of Scientific & Technology Research(SCOPUS)	2020&February Vol 9, Issueno:02, pg.No:635-639/ISSN 2277-8616
23.	A Model For Predicting Human Depression Using Machine Learning Algorithm	Ms.J.Shanthalakshmi Revathy Dr.S.Sasikala	International Journal of Innovative Technology and Exploring Engineering (IJITEE) (SCOPUS)	2020 & January/ Volume-9 Issue-3S/ PP 402-406
24.	Detecting Malaria using Machine Learning	Mrs. T. Grace Shalini	International Journal of Innovative Research in Computer and Communication Engineering	VOLUME 8, ISSUE 5, MAY 2020
25.	An Obstacle Detection And Distance Sensing Algorithm For Visually Impaired Persons	Ms.P.R.Hemalatha Mrs.T.Subanachiar	International Journal of Scientific & Technology Research(SCOPUS)	2019 & October/ vol 8/ issue:10/15-34/ Pg.no:2277-8616
26.	Improved Feature based Sentiment Analysis foronlinecutomer reviews	Dr.P.Alli	International Conference on Innovative Data Communication Technologies and Application	October 2019
27.	An Application of Cellular Automata: Satellite Image Classification	Dr.S.Poonkuntran	3 rd International Conference on Computational vision and Bio-Inspired Computing	September 2019
28.	Machine Learning Based Prediction of Depression among Individuals in workplace	Dr.S.Sasikala Ms.ShanthaLakshmi Revathy	Research Support Conclave, Coimbatore Institute of Technology -Teaching Learning Centre	January 2020
29.	A Scrambled Image Hiding on Image using Discrete Cosine Transform	Mrs.C.B.Selva Lakshmi Mrs.K.Santha Sheela	International Conference on recent trends & research in Engineering and Science	May 2020
30.	Visual Secret Sharing	Mrs.K.Santha Sheela	International Conference on recent trends & research in Engineering and Science	May 2020

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S.No	Title of the Paper	Name of the Author's	Name of the Journal	Year of Publication
1.	Hands Free Assistant For Hands-On Workers	Dr. R. Deepalakshmi/ Professor	Journal of Technology	ISSN No: 1012-3407 Vol:35,Iss:03 August 2020
2.	New SMS based Anti-theft security system for two-wheelers using GSM and GPS		International Journal of Innovative research	Volume 8 Issue 8 August 2020
3.	Crossover-Based Improved Sine Cosine Algorithm for Multimedia Content Distribution in Cloud Environment		Journal of Circuits, Systems and Computers	17.09.20
4.	Image Encryption for Secure Internet Transfer using DCT with Triple DES Algorithm	Dr. G. Vinoth Chakkaravarthy/ ASP	International Journal of Innovative Research in Computer and Communication Engineering	Volume 8, Issue 5, May 2020
5.	Image Encryption for Secure Internet Transfer using DWT with AES Algorithm		International Journal of Innovative Research in Computer and Communication Engineering	Volume 8, Issue 5, May 2020
6.	Development of Crowd Management System using CSRNET	Dr. S. J.Subashini/ ASP	International Journal of Innovative Research in Computer and Communication Engineering	Volume 8, Issue 5, May 2020
7.	"Tracking and Forecasting Land Trends"	Mrs. R. Sarala/AP	International Journal of Innovative and research technology	Vol 5 Issue 5 May 2020
8.	Visual Secret Sharing	Mrs. K. Santhasheela/AP	International Conference on recent trends & research in Engineering and Science (ICRTRES 2K20)	02.05.20 & 03.05 20
9.	A Scrambled Image Hiding on Image using Discrete Cosine Transform	Mrs. C. B. Selvalakshmi/AP Mrs. K. Santhasheela/AP	International Conference on recent trends & research in Engineering and Science (ICRTRES 2K20)	02.05.20 & 03.05 20
10.	Detecting Malaria using Machine Learning	Mrs. T. Grace Shalini/AP	International Journal of Innovative Research in Computer and Communication Engineering	Volume 8, Issue 5, MAY 2020

11.	Image Copy-Move forgery Detection using Key-Point Based Detection	Mrs. P. R. Hemalatha/AP Mrs. T. Suba Nachiar/AP	International Journal of Innovative Research in Computer and Communication Engineering	Volume 8, Issue 5, May 2020
12.	Electronic Health Record Management System for Ayurveda Health Center	Dr. P. Alli, Dean, Prof. & Head	International Journal of Innovative Research in Computer and Communication Engineering	Vol. 9, Issue 2 February 2021
13.	Artificial Intelligence (AI) based Glaucoma Detection using Deep Learning Approach		9 th International Conference on Contemporary Engineering and Technology	10.04.2021
14.	Improving Prediction Accuracy in Neighborhood based book Recommendation System	Dr. R. Deepalakshmi, Professor	International Conference on Emerging Trends in Engineering and Technology	12.03.2021 & 13.03.2021
15.	Application of Artificial Intelligence in Cyber Security: A detailed survey on Intrusion Detection System		International Conference on Science and Innovative Engineering	02.05.2021
16.	Real Time Tracking and alerting system for Vehicles and Children to Ensure Safety and Security using LABVIEW		International Conference on Recent trends in Computing	21.05.2021 & 22.05.2021
17.	A novel approach for pattern string matching in Intrusion detection system	Dr. G. Vinoth Chakkaravarthy, Associate Professor Mr. K. Azarudeen, AP	International Conference Computing, Communication, Electrical and Biomedical Systems	25.03.21 and 26.03.21
18.	Real Time Scrutiny of Face Mask at Firm Using Deep Learning Framework	Dr. G. Vinoth Chakkaravarthy, Associate Professor	International Journal of Innovative Research in Computer and Communication Engineering	Volume 9, Issue 4, April 2021
19.	An Automatic Procedure for Crop Mapping using Agricultural Monitoring	Dr. R. Vijayalakshmi, Associate Professor	International Conference on Mechatronics and Artificial Intelligence	26.02.2021 & 27.02.2021
20.	Improving Prediction Accuracy in Neighborhood based book Recommendation System		International Conference on Emerging Trends in Engineering and Technology	12.03.2021 & 13.03.2021
21.	Image Classification using Convolution Neural Network		International Journal of Innovative research in Computer and Communication Engineering	Volume 9, Issue 4, April 2021

22.	Application of Artificial Intelligence in Cyber Security: A detailed survey on Intrusion Detection System		International Conference on Science and Innovative Engineering	02.05.2021	
23.	Multi-Tier Student Performance Evaluation Model(MTSPEM) with integrated classification technique foe Educational Decision Making	Dr. S. Sasikala, Associate Professor	International Journal of Computational Intelligence Systems	ATLANTIS PRESS, 2021	
24.	Deep learning based fusion model for COVID-19 diagnosis and classification using computed tomography images		Concurrent Engineering: Research and Applications	VOL.9,pg.1-12,2021.[Science Citation Index]	
25.	A Customized Metaheuristic Approaches for Improving Supplier Selection in Intelligent Decision Making		IEEE Access	VOL.9, 2021. [Science Citation Index]	
26.	Analysis of Deep Learning Techniques for Tuberculosis Disease		SN Computer Science- A Springer Nature Journal	Vol.2.(302),2021. [Scopus]	
27.	Statistical and Machine Learning Approaches for Clinical Decision on Drug Usage in Diabetes with Reference to Competence and Safeness		International Journal of Computational Intelligence Systems	Vol.14(1),pp.859 – 868,2021.[Science Citation Index]	
28.	An Efficient Food Quality Analysis Model (EFQAM) using the Internet of Things (IoT) Technologies		Microprocessors and Microsystems, Elsevier	15.01.2021	
29.	Multi- parameter optimization for load balancing with effective task scheduling and resource sharing		Journal of Ambient Intelligence and Humanized Computing, Springer	30.03.2021. [Science Citation Index]	
30.	Feature Selection Methods: A Survey For Effective Data Classification		International Journal of Recent Scientific Research	Vol. 11, Issue, 11 November, 2020	
31.	Automated facilitation of Paperless Administration for Technical Education Institutions		Mrs. C. B. Selvalakshmi, AP	International Journal of Innovative Research in Computer and Communication Engineering	Volume 8, Issue 12, December 2020
32.	Learning Resource Recommendation System		Mrs. S.Padmadevi, AP	International Journal of Innovative Research in Computer and Communication Engineering	Volume 9, Issue 4, April 2021
33.	Detecting Network Intrusion based on Machine Learning Algorithms	Mrs. S. Kavitha, AP	International Journal of P2P Network Trends and Technology (IJPTT)	Volume 10 Issue 3 – May - June 2020	

34.	An Intrusion Detection System- Techniques and Algorithms of Machine and Deep Learning	Mrs. S. Kavitha, AP	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-9 Issue-10, August 2020
35.	Network Anomaly Detection for NSL-KDD Dataset Using Deep Learning		Information Technology in Industry	vol. 9, no. 2, pp. 821–827, Mar. 2021. DOI: https://doi.org/10.17762/itii.v9i2.41
36.	Weakly Supervised Network for Detection of Covid 19 in chest CT Scans	Mrs. R. Sarala, AP	International Journal of Innovative Research in Computer and Communication Engg	04.04.2021
37.	Automated Speech Emotion Recognition		International Conference on Emerging Trends in Engineering and Technology	12.03.2021 to 13.03.2021
38.	IOT Based Primary Monitoring System for Covid-19	Mr. S. Murali, AP	International Journal of Scientific Research in Science and Technology	Volume 9, Issue 1, April 2021
39.	Emergency Automobile Service System (EASS)		International E-Conference on Recent Advances in Computation, Communication, Internet of Things and Artificial Intelligence	31.03.2021 to 01.04.2021
40.	IOT Based Primary Monitoring System for Covid-19		International Conference on Advances in Materials, Computing and Communication Technologies	10.04.2021
41.	DOS Attack-An Anamoly based Intrusion Detection System in Web Application	Mrs. V. Lavanya, AP	International Research Journal of Engineering and Technology	Volume 8, Issue 4, April 2021, IF-7.529
42.	Effective Framework against Sinkhole Attack using TMCRP		International Journal of Innovative Research in Computer and Communication Engineering	Volume 9, Issue 5, May 2021, Impact Factor- 7.488
43.	Survey on Collaborative Virtual Spaces	Mrs. K.Santha Sheela, AP	International Conference on “contemporary engineering and technology –2021”	10.04.21 to 11.04.21
44.	Search Recommendation from User History		International Conference on “contemporary engineering and technology –2021	10.04.21 to 11.04.21

45.	A Dynamic alarm for passengers on travel		International Journal of Advanced Research in Computer and Communication Engg	Vol. 10, Issue 7, July 2021
46.	Weighted Greedy Approach for Low Latency Resource Allocation on V2X Network	Mrs. T. Grace Shalini, AP	Wireless Personal Communications	Volume No.119 (3), 2303-2322, March 2021
47.	Improving Steganography with Two Levels of Security	Mrs. T. Suba Nachiar, AP	International Journal of Innovative Research in Computer and Communication Engineering	Volume 9, Issue 4, April 2021