

Velammal College of Engineering and Technology, Madurai.

Department of Information Technology

Research Publications

Academic Year 2019-2020

S.No	Name of the Staff with Designation	Details of Publication	Total
1.	Dr.R.PerumalRaja /Professor	International Journal Novel Three Tier Architecture for Implementing Industry 4.0 by International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 4, April 2020	22
2.		International Journal Mobile Application for blood pressure monitoring and control by International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 4, April 2020	
3.	Dr.R.Kavitha/ Professor	International Journal Smart trash segregator using IoT by International Journal of Innovative Research in Computer and Communication Engineering. Volume 8, Issue 4, April 2020 e-issn:2320-9801 p-issn:2320-9798	
4.		International Journal Efficient and Secure Privacy Analysis for medical bg data using TDES AND MKSVM with Access control in cloud By Springer	
5.		International Journal: Sentiment Analysis in Twitter Dataset using Classification Algorithm organized by International Journal for Research in Engineering Application & Management	
6.	Dr.S.Kamalesh/ AP-II	International Journal: Pneumonia Detection using Chest X-Ray with Deep Learning by International Research Journal of Engineering and Technology Volume 7, Issue 4, April 2020 S.NO: 530	
7.		International Journal: Classification of Retinopathy using Machine Learning by International Research Journal of Engineering and Technology Volume 7, Issue 4, April 2020 S.NO: 377	

8.	Mrs.D.Anandhavalli/ APII	International Journal: Automated Fear Deduction using Smart Watch Sensors for Women Safety by Int.Research Journal of Engineering & Technology, Vol 7, Issue 4, April 2020e-ISSN: 2395-0056 p-ISSN: 2395-0072
9.		International Journal: Automated Fraud Deduction Framework in Examination Halls by Int.Research Journal of Engineering & Technology, Vol 7, Issue 3, March 2020e-ISSN: 2395-0056 p-ISSN: 2395-0072
10.	Mrs.M.Seema/ AP III	International Journal ECG based Cardiac Arrhythmia Detection using a Deep Neural Network by International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 3, March 2020
11.		International Journal Classification of Skin Lesion Based on Medical Image Processing Techniques using Machine Learning by International Journal of Scientific Research in Engineering and Management Volume 04, Issue 04, April 2020
12.	Mrs.M.Prabha/ AP-III	International Journal A detailed study on Cryptocurrency by International Research Journal of Engineering and Technology (IRJET) Volume 07, Issue 04, April 2020
13.		International Journal Calorie Detector by International Journal of Scientific and Engineering Research
14.	Mrs.P.Saraswathi/ AP-III	International Journal Machine Learning based Brain Tumour Prediction using Decision Tree Algorithm by International Research Journal of Engineering and Technology (IRJET) Volume 07, Issue 04, April 2020
15.		International Journal Control System for Aquarium Maintenance by International Research Journal of Engineering and Technology (IRJET) Volume 07, Issue 03, March 2020
16.	Ms.N.Shanmugasundari/AP-III	International Journal Performance Prediction of Machines using Artificial Intelligence by International Research Journal of Engineering and Technology (IRJET) April 2020 Volume 7, Issue 4

17.		International Journal Land Price Prediction using Artificial Intelligence by International Research Journal of Engineering and Technology (IRJET) April 2020 Volume 7, Issue 4	
18.	Mr.P.SureshBabu/ AP III	International Journal Lung Cancer Detection using GLCM and Convolutional Neural Network by International Research Journal of Engineering and Technology Vol 7, Issue 3, March 2020.	
19.		International Journal Sentimental Analysis of Reviews and Ratings in Retail Shops by International Research Journal of Engineering and Technology Vol 7, Issue 4, April 2020	
20.	Mr. S.Jegadeesan, AP-III	International Journal: Design of Low Cost Hydroponics System by International Journal of Innovative Research in Computer and Communication Engineering Vol8, Issue 3, March 2020.	
21.		International Journal: A Dream city: Identifying Red Spots Based On IoT Based Air Pollution Prediction Model by International Journal of Research in Engineering, Science and Management Vol 3, no 7, Jul 2020	
22.	Mrs.R.Nancy Deborah/ AP-III	International Journal: Quantification of Parasitemia using Machine Learning Algorithm for Malaria Parasite Detection by International Journal of Innovative Research in Computer and Communication Engineering Volume 8, Issue 3, March 2020	

Academic Year 2018-2019

S.No	Name of the Staff with Designation	Details of Publication	Total
1.	Dr.R.PerumalRaja /Professor	National Journal: Serum Protein Quantification using Image Processing The Patent Office Journal No. 03/2019 Dated 18/01/2019	15

2.	Dr.R.Kavitha/ Professor	International Journal: Estimation of student performance using Artificial intelligence with LMS strategies Organized by International Journal of Innovative Research in Computer and Communication Engineering
3.		International Journal: Effective skin cancer identification scheme using multi SVM (MSVM) Strategies Organized by International Journal of Innovative Research in Computer and Communication Engineering
4.		International Journal: Pocket Cop organized by International Journal of Innovative Research in Computer and Communication Engineering
5.		International Journal: Detecting Glucose Level using IR Sensor Organized by International Journal of Computer Trends and Technology
6.		National Journal: Medical big data analysis: preserving security and privacy with hybrid cloud technology Organized by Soft computing
7.		Dr.S.Kamalesh/ AP-II
8.	Mrs.D.Anandhavalli/ APII	International Journal: Enhancing Security Features for IOT Devices Connected to Cloud Services through IAM organized by International Research Journal of Engineering & Technology, Vol 6, Issue 3, March 2019 e-ISSN: 2395-0056 p-ISSN: 2395-0072
9.		International Journal: Breast Cancer Prediction using Deep Learning Organized by International Research Journal of Engineering & Technology, Vol 6, Issue 3, March 2019 e-ISSN: 2395-0056 p-ISSN: 2395-0072

10.	Mrs.M.Seema/ AP III	International Journal Home Automation using IoT organized by International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 7 , Issue III, March 2019
11.		International Journal Online Code Debugging Contest organized by International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 7 , Issue III, March 2019
12.	Mrs.M.Prabha/ AP-III	International Journal Progressive Web Application for Question and Answer Platform by Int. J. for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887
13.		International Journal Agricultural Monitoring by Int. J. of Engineering Trends and Technology (IJETT). DOI: 10.14445/22315381/IJETT-V67I3P222, ISSN: 2231 – 5381
14.	Mr.P.SureshBabu/ AP III	International Journal Facial Expression Recognition using Deep Learning by Int. J. of Engineering Trends and Technology (IJETT), DOI: 10.14445/22315381/IJETT-V67I3P225, ISSN: 2231 – 5381, Vol.67, Issue 3, 2019.
15.	Mrs.R.Nancy Deborah/ AP-III	International Journal: Product Recommendation System using Opinion Mining" organized by International Journal of Engineering Trends and Technology 67.3 (2019): 66-69.

Academic Year 2017-2018

S.No	Name of the Staff with Designation	Details of Publication	Total
1.	Dr.R.Kavitha/ Professor	International Journal Big Data Security and Privacy- A Survey published by IJCTT 10.14445/22312803/IJCTT-V49P123	4
2.		International Journal Big Data – A Scholastic Guide For Primers published by Journal of Pure and Applied Mathematics.ISSN 1311 – 8080, vol 118 no 9	
3.	Dr.S.Kamalesh/ AP-II	National Journal: IoT Based Water Fertigation System And A Method Thereof The Patent Office Journal No. 48/2017 Dated 01/12/2017	
4.	Mrs.D.Anandhavalli/ APII	International Journal Smart meter for Water Utilization using IOT published by International Research Journal of Engineering and Technology	

Academic Year 2016-2017

S.No	Name of the Staff with Designation	Details of Publication	Total
1.	Dr.S.Kamalesh/ AP-II	International Journal: Fuzzy based secure intrusion detection system for authentication in wireless sensor networks published by JCTN https://doi.org/10.1166/jctn.2017.6247	5
2.	Mrs.D.Anandhavalli/ APII	International Journal A Novel Implementation of Demand response on smart Grid using Renewable Energy sources published by IRJET	
3.		International Journal Steganography using PVD algorithm for android application published by IRJET	
4.	Ms.S.Nirmala/AP-III	International Journal Dumpster Monitoring system using IoT published by IJRCS	
5.		International Journal Trash Bin Monitoring System using IoT published by IJRASET	

Academic Year 2015-2016

S.No	Name of the Staff with Designation	Details of Publication	Total
1.	Dr.R.PerumalRaja /Professor	International Journal PBX implementation in LAN using Asterisk open source software Published by International Journal of Applied Engineering ResearchISSN 0973 -4562,Vol.10,No.55	16
2.		International Journal Smart Traffic control system for smart cities Published by International Journal of Applied Engineering Research ISSN 0973 -4562,Vol.10,No.55	
3.		International Journal Smart Air pollution monitoring system for industries using IOT techniques Published by International Journal of Applied Engineering ResearchISSN 0973 -4562,Vol.10,No.55	
4.		International Journal Designing a low cost acoustic modem for underwater communication Published by International Journal of Applied Engineering ResearchISSN 0973 -4562,Vol.10,No.55	
5.	Dr.R.Kavitha/ Professor	International Journal Cloud computing integrated with testing to ensure quality published by Journal of Scientific &Industrial Research Vol.75	
6.		International Journal A systematic study of cloud computing published by Advances in Natural and Applied SciencesISSN 1995-0772	
7.	Dr.S.Kamalesh/ AP-II	International Journal Fault tolerant tree management for node failures in wireless sensor networks published by Research Journal of Applied Sciences, Engineering and TechnologyISSN:2040-7459	
8.	Mrs.A.Sumithra /AP-III	International Journal A step towards smart city using sixth sense technology published by International journal of research in computer applications and robotics	

9.		International Journal Assortment of patients data in health care sectors using cloud computing published by International education & research journal Volume -1,Issue-2
10.	Mrs.D.Anandhavalli/ APII	International Journal: Smart Driving Skill Evaluation system using computer vision techniques published by SS International Journal of Multidisciplinary research ISSN:2395-7964
11.	Mrs.M.Prabha/ AP-III	International Journal Distance based accident avoidance system using arduino published by International Research journal of engineering and technology ISSN:2395-0072 Volume 2,Issue 7
12.	Ms.N.Shanmugasundari/ AP-III	International Journal Meta morphosis and intersect to secure image published by International Research journal of engineering and technology ISSN:2395-0072 Volume 02, Issue 09
13.		International Journal Tracking owner details by automatic number plate recognition published by International journal of emerging trends and technology in computer science ISSN:2278-6856 Volume 5,Issue 2
14.		International Journal Automatic railway track obstacle detection system published by International Journal of informative futuristic research ISSN 2347-1697 Volume 3,Issue 7
15.	Mr.S.Satheeshkumar/AP -III	International Journal: An integrated system approach for monitoring patient health using wearable sensors published by International journal of electronics and computational system ISSN 2348-117X, Volume 4,Issue 10
16.	Mr.P.SureshBabu/ AP III	International Journal Smart personal alert for drivers using mobile application published by International journal of applied engineering research ISSN 0973-4562 Volume 10, Issue 55

Academic Year 2014-2015

S.No	Name of the Staff with Designation	Details of Publication	Total
1.	Dr.R.PerumalRaja /Professor	National Journal: A reservation based call admission control scheme and system modeling in 4G vehicular networks published by EURASIP Journal of Wireless Communications and Networking	13
2.	Dr.S.Kamalesh/ AP-II	International Journal Survey on security in wireless sensor networks published by International Journal of Research ISSN:2348-6848 Volume 2,Issue 3	
3.		International Journal A survey on connected dominating sets (CDS) both in wireless sensor networks and wireless adhoc networks published by International Journal of Engineering Research and Technology ISSN:2278-0181 Volume 4,Issue 2	
4.		International Journal Comparison of Degree based and LEACH Clustering technique in WSN published by International Journal of Applied Engineering Research ISSN:0973-4562 Volume 10,Issue 55	
5.		Mrs.A.Sumithra /AP-III	
6.	Mrs.D.Anandhavalli/ APII	International Journal Smart Home Automation Control using Bluetooth and GSM published by International Journal of Informative and Futuristic Research ISSN:2347-1697 Volume 2,Issue 8	
7.		International Journal Water quality Management for Drinking water published by International Journal of Informative and Futuristic Research ISSN:2347-1697 Volume 2,Issue 8	

8.		<p>International Journal Firewall design for software defined network architecture via openDay light controller published by International Journal of Applied Engineering Research ISSN:0973-4562 Volume 10,Issue 55</p>
9.	Mrs.M.Seema/ AP III	<p>International Journal Visualization of Nearest Neighbour in Web Services ISSN:0973-4562 Volume 10,Issue 55</p>
10.	Mrs.P.Saraswathi/ AP-III	<p>International Journal A Novel Approach for Automatic Monitoring of power Consumption using Smart Meter published by International Journal of Engineering Research and Technology ISSN:2395-0072 Volume 2,Issue 1</p>
11.	Ms.N.Shanmugasundari/ AP-III	<p>International Journal Segmentation and Classification of Abnormalities in Gallbladder published by Journal of Computing Technologies ISSN:2278-3814 Volume 4,Issue 4</p>
12.	Mr.S.Satheeshkumar/AP-III	<p>International Journal: Two Way Authentication using USB Flash Drive published by International Journal of Scientific & Engineering Research ISSN:2229-5518 Volume 6,Issue 4</p>
13.	Mr.P.SureshBabu/ AP III	<p>International Journal A Survey on driver Cognitive Distraction Detection published by International Journal of Research ISSN:2348-6848 Volume 2 Issue 4</p>