

## Academic Year : 2020-21

### Journal Publications

#### SCI Indexed

Nil

#### Non-Indexed

S.No	Name of the Authors	Title of the paper	Name of the journal, Publisher	Volume, Issue ISSN Page no.	Month and Year	Indexing	DOI	Impact Factor (SNIP), Citation
1.	Modigari Narendral, <b>Dr. M.L.Valarmathi,</b> Dr. L.Jani Anbarasi	Optimization of 3D Triangular Mesh Watermarking Using ACO-Weber's Law	KSII Transactions On Internet And Information Systems, KSII	Volume 14, Issue no 10 ISSN : 1976-7277	October 2020	Scopus	<a href="http://doi.org/10.3837/tiis.2020.10.007">http://doi.org/10.3837/tiis.2020.10.007</a>	0.408, 1
2.	<b>M Pandi, T Sivakumar, N Senthil Madasamy</b> and N Sadhasivam	Hybrid Genetic Algorithm and Simulated Annealing for Clustering Microarray Gene Expression data	Journal of Physics: Conference Series, IOP (Institute of Physics)	Volume: 1767 Issue: 1 ISSN :17426588 , 17426596 Pages: 1-7	Feb 2021	Scopus	DOI:10.1088/1742-6596/1767/1/012034	0.395, 4

3.	<b>T.Sivakumar, M.Pandi, N.Senthil Madasamy, R.Bharathi</b>	An Image Encryption Algorithm with Hermite Chaotic Polynomials and Scan Pattern	Journal of Physics: Conference Series, IOP (Institute of Physics)	Volume: 1767 Issue: 1 ISSN :17426588 , 17426596 Pages: 1-12	Feb 2021	Scopus	DOI:10.1088/1742-6596/1767/1/012044	0.395, 2
4.	<b>R Muralidharan , T Kanagasabapathy , R P Vijai Ganesh</b>	Analyzing ELearning platform reviews using Sentimental Evaluation with SVM Classifier	Journal of Physics: Conference Series, IOP (Institute of Physics)	Volume: 1767 Issue: 1 ISSN :17426588 , 17426596 Pages: 1-8	Feb 2021	Scopus	DOI:10.1088/1742-6596/1767/1/012012	0.395, 3
5.	Vergin RSM, Anbarasi JL, Graceline JS, <b>Valarmathi ML,</b> Mayank V, Yash D, Upender S	AI-based Pandemic Trend Analysis	International Journal of Current Research and Review, Atman Publishing Academy	Volume 13, Issue 11 ISSN: 2231-2196 (Print) ISSN: 0975-5241 (Online)	June 2021	Scopus	DOI: <a href="http://dx.doi.org/10.31782/IJCRR.2021.SP223">http://dx.doi.org/10.31782/IJCRR.2021.SP223</a>	NA

6.	C. Aswini, <b>Dr. M.L. Valarmathi</b> , M. Nivedha, T. Ponsheka	An Improved PSO and Random Forest for Intrusion Detection in Software Defined Networks	International Journal Of Innovative Research In Technology, Solaris Publication	Volume 7 Issue 2 ISSN: 2349-6002	July 2020	Non indexed	-	NA
7.	<b>D.Hari, P.Boopathi Rajan K.Srinivasan</b>	Augmented Reality In Learning And Education: A Review On Current Technologies	International Journal of Research and Analytical Reviews, IJRAR	Volume 7, Issue 4 E-ISSN 2348-1269, P- ISSN 2349-5138	November 2020	Non indexed	-	NA
8.	<b>Dr. A. Noble Marry Juliet, Dr. N. Senthil Madasamy, N. Hari Priya and Dr. N. Suba Rani</b>	Secure Encrypted Data with Authorized Deduplication	GRENZE Scientific Society ICIEICE 2021, GRENZE Scientific Society	-	March 2021	Non indexed	-	NA
9.	<b>N Senthil Madasamy</b> M. Vaishnavi, P. Nathish, R. Snehapooja	Advanced Smoke Monitoring System for Automobiles Using IoT	International Journal of Recent Advances in Multidisciplinary Topics, IJRAMT	Volume 2, Issue 3, ISSN (Online): 2582-7839	March 2021	Non indexed	<a href="https://www.journals.resaim.com/ijramt/article/view/563">https://www.journals.resaim.com/ijramt/article/view/563</a>	NA

10.	Nivetha K, Jeya Chitra K, Dinesh Kumar S, <b>Mr. Srinivasan K</b>	Hydroponics Based Cultivation Using IoT	International Peer Reviewed Open Access Journal , IJSART	Volume 7 Issue 3 ISSN [Online] : 2395- 1052	March 2021	Non indexed	-	NA
11.	P. Gomathy, T. Nishanth, K. Rathi Prabha, <b>K. Srinivasan</b>	Advanced Automatic Car Parking System Using IoT	International Journal of Research in Engineering, Science and Management, IJRESM	Volume 4, Issue 3, ISSN (Online): 2581- 5792	March 2021	Non indexed	<a href="https://www.journals.resaim.com/ijresm/article/view/557">https://www.journals.resaim.com/ijresm/article/view/557</a>	NA
12.	<b>D.Hari,</b> Gokulkanna G, Shanmugappriya M, AshwinRathish M	Bus Assistance Chatbot System Using Artificial Intelligence	International Journal of Scientific Research in Engineering and Management, IJSREM	Volume: 05 Issue: 03 ISSN: 2582 - 3930	March 2021	Non indexed	-	NA
13.	Ranjithkumar C, Saveetha S, Dinesh Kumar V, Prathyangiradevi S, <b>Mr. T. Kanagasabapathy</b>	AI Based Crop Identification Application	International Journal of Scientific Research in Engineering and Management, IJSREM	Volume 4, Issue 4, ISSN (Online): 2581- 5792	March 2021	Non indexed	<a href="https://www.journals.resaim.com/ijresm/article/view/547">https://www.journals.resaim.com/ijresm/article/view/547</a>	NA

14.	K. M. Kavın Chendhur <b>V. Priya,</b> R. Mohana Priya, S. Lavanya Lakshmi	Book Recommender System using Improved Collaborative Filtering	International Journal of Research in Engineering, Science and Management, IJRESM	Volume 4, Issue 4, ISSN (Online): 2581- 5792	April 2021	Non indexed	<a href="https://www.journals.resaim.com/ijresm/article/view/638">https://www.journals.resaim.com/ijresm/article/view/638</a>	NA
15.	<b>Ms. Jayashree C,</b> Ajith Kumar N, Sathya S, Balaji Arunkumar A	NLP Based Enquiry System For Railways	International Journal of Advanced Engineering Science and Information Technology, JAESIT	Volume:4 Issue No:4 ISSN: 2349- 3216	April 2021	Non indexed	10.18517	NA

### International Conference Publications

S. No	Name of the Authors	Title of the Paper Presented	Conference Name	Venue	National/ International	Date
1.	<b>Dr. T. Sivakumar,</b> <b>Dr.N.Senthil Madasamy,</b> R.Bharathi	An Image Encryption Algorithm with Hermite Chaotic Polynomials and Scan Pattern	AICTE Sponsored International E Conference on Data analytics, intelligent systems and information security (ICDIIS'20),	Dr.MCET	International	11.12.2020 to 12.12.2020
2.	<b>Dr. M.Pandi,</b> <b>Dr. T. Sivakumar</b> <b>Dr.N.Senthil Madasamy,</b> N Sadhasivam	Hybrid Genetic Algorithm and Simulated Annealing for Clustering Microarray Gene Expression data	AICTE Sponsored International E Conference on Data analytics, intelligent systems and	Dr.MCET	International	11.12.2020 to 12.12.2020

			information security (ICDIIS'20),			
3.	<b>R Muralidharan, T Kanagasabapathy, R P Vijai Ganesh</b>	Analyzing ELearning platform reviews using Sentimental Evaluation with SVM Classifier	AICTE Sponsored International E Conference on Data analytics, intelligent systems and information security (ICDIIS'20),	Dr.MCET	International	11.12.2020 to 12.12.2020
4.	<b>Dr.G.Anupriya, G.Arun, M.Kalaivani, C.Rakesh</b>	BOT Account Detection in Twitter using support vector machine	7th International E-conference on Latest Trends in Science, Engineering and Technology	Karpagam Institute of Technology	International	26.03.2021 to 27.03.2021
5.	<b>Dr.N.Senthil Madasamy, R.GnanaSoundarya, Dr.N.Subarani, Dr.A.Noble Mary Juliet</b>	Intrusion detection data using K-Means Algorithm	7th International E-conference on Latest Trends in Science, Engineering and Technology	Karpagam Institute of Technology	International	26.03.2021 to 27.03.2021
6.	<b>Dr.A. Noble Mary Juliet, Dr.N.Suba Rani, D.Suriya, Dr.N.Senthil Madasamy</b>	Crop monitoring and yield prediction using machine learning	7th International E-conference on Latest Trends in Science, Engineering and Technology	Karpagam Institute of Technology	International	26.03.2021 to 27.03.2021
7.	<b>Dr. T. Sivakumar, Dhibiya A, Naveen Kumar R, Archana A</b>	Cloud Based Secure Message Transfer	7th International E-conference on Latest Trends in Science, Engineering and Technology	Karpagam Institute of Technology	International	26.03.2021 to 27.03.2021
8.	<b>Dr. N. Subarani</b>	Auto climate monitoring	Virtual international conference on Modeling, simulation and control	Karpagam College of Engineering	International	26.03.2021 to 27.03.2021

9.	<b>R.P. Vijai Ganesh,</b> M.Riyasudeen, C.Bavatharani, S.Iswarya	Detection of Best Reality Shows Using Naive Bayes Algorithm	7th International E-conference on Latest Trends in Science, Engineering and Technology	Karpagam Institute of Technology	International	26.03.2021 to 27.03.2021
10.	<b>Mr. R.P. Vijai Ganesh,</b> Abivanthan V, Praveena M, Shudharshan S C	Diabetic Prediction Using Regression Algorithm	7th International E-conference on Latest Trends in Science, Engineering and Technology	Karpagam Institute of Technology	International	26.03.2021 to 27.03.2021
11.	<b>C.Devipriya,</b> Aishwarya K, Srivignesh P, Jeevithamathi S	Implementation of Crop Yield Prediction Model in Agriculture	7th International E-conference on Latest Trends in Science, Engineering and Technology	Karpagam Institute of Technology	International	26.03.2021 to 27.03.2021
12.	<b>Jayashree Chelladurai,</b> Gnana Ganesh S, Selvepreetha S, Naveen R	Natural Language Supported Enquiry System	7th International E-conference on Latest Trends in Science, Engineering and Technology	Karpagam Institute of Technology	International	26.03.2021 to 27.03.2021
13.	S.P.Gokul, T.Meera, G.Barathkumar, <b>R.Dhivya</b>	Employee Performance Detection using Machine Learning Algorithms	7th International E-conference on Latest Trends in Science, Engineering and Technology	Karpagam Institute of Technology	International	26.03.2021 to 27.03.2021
14.	Pradeepa S, Mahendran C S, <b>Lavanya S C,</b> Naveenbalaji B	Sentiment Analysis Of News Articles Using Machine Learning Technique	7th International E-conference on Latest Trends in Science, Engineering and Technology	Karpagam Institute of Technology	International	26.03.2021 to 27.03.2021
15.	<b>Dr.A.Noble Marry Juliet</b> <b>Dr.N.Senthil Madasamy,</b> N. Hari Priya and	Secure Encrypted Data with Authorized Deduplication	3rd International Conference on Innovations in Electrical, Information	Kongunadu College of	International	27.03.2021

	<b>Dr. N. Suba Rani</b>		and Communication Engineering (ICIEICE - 2021)	Engineering and Technology		
16.	<b>Dr.G.Anupriya,</b> Ms.A.Akalya	Detection of Bot on Twitter Using Classification Algorithm	International E-Conference on Recent Advances In Computation, Communication, Internet Of Things and Artificial Intelligence	M.Kumarasamy College of Engineering, Karur	International	31.03.2021 to 01.04.2021
17.	<b>Dr.A.Noble Mary Juliet</b>	Travel Recommendation System Using Hybrid Filtering	Advances in Communication, Machine Learning, Embedded with Internet of Things	Kongu Engineering College	International	09.04.2021 to 10.04.2021
18.	<b>Dr.A.Noble Mary Juliet,</b> <b>Dr.N.Suba Rani</b> Dheepiga S.R, <b>Sam Rishi.R</b>	WiFi based Indoor Patient location identifier for Covid'19	4th International conference on Computer Networks and Inventive Communication Technologies.	RVS Technical Campus, Coimbatore	International	23.04.21 to 24.04.21
19.	Sivalingam S., Shrigomathivalli T., Dhinesh K., <b>Ms.C.Devipriya</b>	Depression Analysis with Facial pattern	International Virtual Conference on Emerging Trends in Engineering and Management Sciences (IC-ETEMS 2021)	Institute For Engineering Research and Publication (IFERP)	International	23.06.2021 to 24.06.2021
20.	Sivaramakrishnan Rajendar <b>Dhivya Rathinasamy</b> Vishnu Kumar KaliappanS. Gnanamurthy R. Pavithra	Prediction of stopping distance for autonomous emergency braking using stereo camera pedestrian detection	First International Conference on Computations in Materials and Applied Engineering (CMAE-2021)	Elsevier Ltd.	International	26.06.2021 to 37.06.2021



### National Conference Publications

S. No	Name of the Authors	Title of the Paper Presented	Conference Name	Venue	National/ International	Date
21.	Jayashree C, Sathya S, Balaji Arunkumar A, Ajith Kumar N	Annotation of Tamil Text with Grammatical information at word and sentence level	National Conference on Emerging Innovations in Information and Communication Technology	KGiSL Institute of Technology, Department Of Information Technology	National	10.04.2021

### Patents

S. No	Name of the Faculty	Title of the Patent	Application Number	Filed Date	Published Date	Status
1.	Dr.N.Senthil Madasamy Dr. M.Pandi Mr.K.Srinivasan	System on Chip to trans-receive multiple frequency communication	202031027960	01.07.2020	04.09.2020	Published
2.	Dr. M.Pandi, Dr.S.Veeramani Dr.N.Senthil Madasamy	Hybrid Response and traffic control algorithm (HRTC) based congestion detection and control techniques in denser IoT Networks	202041034060	08.08.2020	04.09.2020	Published
3.	Dr. A.Rathinavelu	IoT Based Multi-User Smart System For Reliable Water Supply	202141002420	19.01.2021	22.01.2021	Published
4.	Dr. A Noble Mary Juliet	An Ai-Assisted, Liquid-Based Universal Focal Length Adjustable Eyeglasses	202141029313	30.06.2021	16.07.2021	Published