

Academic Year : 2019-20

Journal Publications

SCI 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 & Citation
1.	Dr.K.Thirukumar Dr.A.Rathinavelu	Privacy Preservation Model using Machine Learning Techniques	Caribbean Journal of Science & University of Puerto Rico	Volume:53, Issue 2 ISSN:0008-6452 pp:1714-1723	August 2019	SCIE Scopus	10.2174/2666255813666191119123159	0.347 & 10
2.	M. Mythily M.L. Valarmathi C. Anand Deva DuraiJ.A.M. Rexie	An automation framework design for secure software development	Journal of Software: Evolution and Process & Wiley	Volume:31, Issue:10, ISSN: 2047-7481 Pp: 2431-2435	October 2019	SCIE Scopus	https://doi.org/10.1002/smr.2213	1.202 & 4
3.	S Veeramani Noor Mahammad Sk	An Approach to Place Sink Node in a Wireless Sensor Network (WSN)	Springer Wireless Personal Communications & Springer	Volume 104, Issue 3 ISSN: 0929-6212/1572-834X pp. 1-11	October 2019	SCIE Scopus	10.1007/s11277-019-06904-y	0.685 & 5

4.	S.Arunkumar B.Vinoth Kumar M.Pandi	Artificial bee colony optimization based energy-efficient wireless network interface selection for industrial mobile devices	Computer Communications & Elsevier	Volume. 154, Issue. 01 ISSN : 0140-3664 pp.1-10	January 2020	SCIE Scopus	https://doi.org/10.1016/j.comcom.2020.01.067	1.547 & 7
5.	J.Bhavithra, Dr.A.Saradha	Personalized Nutrition Recommendation for Diabetic Patients using Optimization Techniques	Intelligent Automation & Soft Computing & TSI Press	Vol 26, Issue 2, ISSN:1079-8587 pp.269–280	June 2020	SCIE Scopus	10.31209/2019.100000150	0.85 & 6

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.	Dr. N. Suba Rani Dr. A. Noble Mary Juliet K. Renuka Devi	An Image Encryption & Decryption And Comparison With Text - AES Algorithm	International Journal of Scientific & Technology Research & Techno Science Academy.	Volume 8, Issue 07, ISSN: 2277-8616 Pp:668-673	July 2019	Scopus	https://doi.org/10.1007/978-981-15-1097-7_63	0.421 & 10

2.	Sivaramakrishnan Rajendar, Dhivya Rathinasamy Vishnu Kumar Kaliappan	Intelligent Transportation Cyber-Physical System: On Crowd through Event Detection for Public Urban Transportation	International Journal of Recent Technology and Engineering & Blue Eyes Intelligence Engineering and Sciences Publication	Volume:8, Issue-“S11, ISSN: 2277-3878 pp: 2375-2379	September 2019	Scopus	10.35940/ijrte.B1271.0982S1119	0.286 & -
3.	Kowshalya A. Meena Xiao-ZhiGao Valarmathi ML	Efficient service search among Social Internet of Things through construction of communities	Cyber-Physical Systems & Inderscience Publishers	Volume:6, Issue:1, pp: 33-48 ISSN: 2333-5785 (Online)	October 2019	Scopus	101080/23335777.2019.1678198	0.437 & 13
4.	Ms.V.Priya, K.Umamaheswari	A Document Similarity Approach using Grammatical Linkages with Graph Databases	International Journal of Enterprise Network Management & Inderscience Publishers	Volume. 10, Issue. 3-4 ISSN: 1748-1252	October 2019	Scopus	https://doi.org/10.1504/IJENM.2019.103143	0.117 & 1
5.	Thangavel Sivakumar S Gayathri and T Anusha	We Bring Your Identity: A Secure Online Passenger Identity Protocol (SOPIP) for Indian Railways Using Aadhaar Number.	Data Engineering and Communication Technology & Springer	Volume: 1079 ISSN:2194-5357 pp. 745-758	January 2020	Scopus	https://doi.org/10.1007/978-981-15-1097-7_63	0.429 & -
6.	T.Sivakumar S.Veeramani M.Pandi Ganesh Gopal	A Novel Encryption of Text Messages using Two Fold Approach	Recent Advances in Computer Science and Communications & Bentham Science Publisher	Volume: 13, Issue:1 ISSN: 2666-2566	January, 2020	Scopus	10.2174/2666255813666191119123159	0.589 & 5
7.	T Sivakumar S Veeramani M Pandi N Senthil Madasamy RakeshKumar	A Novel Permutation Based Encryption using Tree Traversal Approach	Recent Advances in Computer Science and Communications & Bentham Science Publisher	Volume: 13, Issue: 1 ISSN: 2666-2566	February 2020	Scopus	10.2174/2666255813666191204145836	0.589 & 1

8.	P.BoopathiRajan K.Srinivasan D.Hari	Review on Fast Identification and Classification in Cultivation	International Journal of Advanced Science and Technology & Science and Engineering Research Support Society	Volume: 29, Issue:3, ISSN:2005-4238 pp: 3498-3512,	February 2020	Scopus	http://sersc.org/journals/index.php/IJAST/article/view/4794	0.085 & -
9.	A. Noble Mary Juliet K.ArunSoorya, S.Berciya, R.Praveen	Safe Route Discovery for Vehicles using VANET	Journal of Recent Technology and Engineering & Blue Eyes Intelligence Engineering and Sciences Publication	Volume:8, Issue:6, ISSN:2277-3878 pp.3802-3805	March 2020	Scopus	10.35940/ijrte.F8718.038620	0.286 & -
10.	K.Renuka Devi, J.Bhavithra, Dr.A.Saradha	Personalized Nutrition Recommendation For Diabetic Patients Using Improved K-Means And Krill-Herd Optimization	International Journal Of Scientific & Technology Research & Techno Science Academy	Volume :9, Issue:3 ISSN 2277-8616 pp.1076-1083	March 2020	Scopus	10.35940/ijrte.B1271.0982S1119 /	0.421& 6
11.	Dr. N. Subarani Yoginth. S, SooryaaKhiran. G, AravindaSabari T. M	TorCloud - An Energy-Efficient Public Cloud for Imparting Files	International Research Journal of Engineering and Technology & Fast Track Publication	Volume: 7, Issue: 3 ISSN: 2395-0072 pp.5061-5065	March 2020	Scopus	10.234523/irjet.B1467.045236	0.262&-
12.	K,Vidhya A.Brunda	Significant Role Of Outcome Based Education And Its Assessment In Enhancing The Teaching Learning Process In	International Journal of Scientific & Technology Research & Techno Science Academy	Volume: 9, Issue:4 ISSN 2277-8616 pp.418-422	April 2020	Scopus	101080/23335777.2019.1678198	0.421& -

		Engineering Education						
13.	Ramar SenthamilSelvi, and Muniyappan Lakshapalam Valarmathi	Optimal Feature Selection for Big Data Classification: Firefly with Lion-Assisted Model	Big Data & Mary Ann Liebert, Inc.	Volume :8, Issue:2, ISSN:2167-6461	April 2020	Scopus	10.1089/bi g.2019.002 2	2.036 & 10
14.	S Veeramani B.Indira M Pandi T Sivakumar	An Efficient Flow Table Management of Flow Entry in Open flow Switch/Router	International Journal Of Scientific & Technology Research & Techno Science Academy	Volume: 9, Issue:4 ISSN 2277-8616 pp.2880-2886	April 2020	Scopus	10.2174/26 662558136 661921191 23146	0.091 & -
15.	N.Gobi Dr.A.Rathinavelu	Recommendation of Distance Education Colleges to Students based on Alumni feedback	International Journal of Recent Technology and Engineering & Blue Eyes Intelligence Engineering and Sciences Publication	Volume:9, Issue: 1 ISSN:2277-3878 pp:2357-2363	May 2020	Scopus	10.35940/ij rte.F9511.0 59120	0.012 & -
16.	Saranya S, A.Rathinavelu Jayashree C	Text to Speech Synthesis using Fraction Based Waveform Concatenation and Optimal Coupling Smoothing Technique	International Journal of Recent Technology and Engineering & Blue Eyes Intelligence Engineering and Sciences Publication	Volume:9 , Issue:1, ISSN: 2277-3878, pp.1764-1769	May 2020.	Scopus	10.35940/ij rte.A2530. 059120	0.012 & -

17.	Nivetha S DrA.Rathinavelu A S.Gayathri	Speech Recognition System for Isolated Tamil Words using Random Forest Algorithm	International Journal of Recent Technology and Engineering (IJRTE) & Blue Eyes Intelligence Engineering and Sciences Publication	Volume:9 Issue:1, ISSN: 2277-3878 Pp: 2431-2435	May 2020	Scopus	10.35940/ijrte.A1467.059120	0.012 & -
18.	Dr. N. Suba Rani Dr. A. Noble Mary Juliet S.Arunkumar	A Novel Cryptosystem for Files Stored in Cloud using NTRU Encryption Algorithm	International Journal of Recent Technology and Engineering & Blue Eyes Intelligence Engineering and Sciences Publication	Volume:9, Issue:1, ISSN:2277-3878 pp.2129-2130	May 2020	Scopus	10.35940/ijrte.A1467.059120	0.012 & 3
19.	A. Noble Mary Juliet N. Suba Rani S. Sreemathi	Gamification based Skill Prediction using Block chain Technology	International Journal of Recent Technology and Engineering & Blue Eyes Intelligence Engineering and Sciences Publication	Volume:9, Issue:1, ISSN:2277-3878 pp.1991-1995	May 2020	Scopus	10.35940/ijrte.A1467.059120	0.012 & -
20.	Sandhya R Sabarinathan S Swathi V Dr. M. Pandi	Smart Ordering System using Speech Recognition	International Journal of Creative Research Thoughts & IJ Publication	Volume :8, Issue: 2. ISSN: 2320-2882 pp. 1692-1698	February 2020	Not Indexed	-	NA

21.	L B Venkatesh, R Gayathri, R VinothKanna V Priya	Intelligent Chat bot Using Semantic Knowledge and Summarizer	International Journal for Scientific Research and Development & I.J.S.R.D. , India	Volume:7 Issue:12, ISSN:2321- 0613, pp.765-768	February 2020	Not Indexed	-	NA
22.	P.BoopathiRajan K.GokulaRamanan S.BlisstonKirubha E.SuriyaBharathi	Smart Lawn Mower	International Journal of Research in Engineering, Science and Management & IJRESM	Volume:3, Issue: 2, ISSN:2581- 5792 pp.232-235	February 2020	Not Indexed	-	NA
23.	R. P. Vijai Ganesh A. Austin Solomon Raj S. K. Sudhakar M. Nandhini	Feature Specific Sentiment Analysis on Product Reviews	International Journal of Research in Engineering, Science and Management & IJRESM	Volume:3, Issue: 2, ISSN:2581- 5792 pp. 279-282	February- 2020	Not Indexed	-	NA
24.	K.Srinivasan S. Krishna Kumar J. Kaviya G. DilipPrakash	Fruit Quality Detection using Machine Vision Techniques	International Journal of Advanced Research, Ideas and Innovations in Technology & IJARIIT	Volume:6, Issue 2 ISSN:2454- 132X pp:17-22	March 2020	Not Indexed	-	NA

25.	Dr. A. Noble Mary Juliet Dheepiga S.R Kaviraj S Venkateshprasad M	Indoor Location Identifier Using Wi-Fi	International Journal of Computing and Technology & IJCAT	Volume:7, Issue:3, ISSN:2348-6090 pp.21-24	March 2020	Not Indexed	-	NA
26.	Dr.Pandi M DhineshPrabhu T Sivabalan P Suresh A Yogashri RK	Seizure Detection in EEG Signals using Convolution Neural Network (CNN)	International Journal of Innovative Research In Computer and Communication Engineering & Ess Research Publications,	Volume:8, Issue: 3, ISSN:2320-9798 pp.173-179	March-2020	Not Indexed	-	NA
27.	S. Saparna Dhivyananthan R. Manoj R. Kanagasabapathy T.	Cloud based web integrated development environment	International Journal of Advanced Research, Ideas and Innovations in Technology & IJARIIT	Volume:6, Issue 2 ISSN:2454-132X pp:11-13	March-2020	Not Indexed	-	NA
28.	V. KarunaiArasu T. M. LakshmePrabha S. Dineshwaran R. Muralidharan	Platform to improve the reachability of web-based advertisement	International Journal of Advanced Research, Ideas and Innovations in Technology & IJARIIT	Volume:6, Issue 2 ISSN:2454-132X pp:759-761	March-2020	Not Indexed	-	NA

29.	Mr.BoopathiRajan P Mahalakshmi S. SanofarRizwana S. Vidhyasagar S.	Smart Helmet System for Accident Detection	International Journal of Innovative Research In Computer and Communication Engineering & Ess Research Publications	Volume:8, Issue: 3, ISSN:2320- 9798 pp.180-182	March 2020	Not Indexed	-	NA
30.	C.Jayashree V. Dharani K. Abiram	Hybrid Approach For Emotional Speech Classification	International Journal of Innovative Research in Computer and Communication Engineering & & Ess Research Publications	Volume: 8, Issue: 3, ISSN : 2320- 9798 pp.195-200	March 2020,	Not Indexed	-	NA
31.	K.Renuka Devi, J.Bhavithra, Dr.A.Saradha	Diet Recommendation for Glycemic Patients using Improved K- Means and Krill-Herd Optimization	ICTACT Journal of Soft Computing & ICTACT	Vol 10, Issue 3, ISN:0976-6561 pp.2096-2101	April 2020	Not Indexed	-	NA
32.	Aathiswaran S Gokulapriya S Bharath Kumar D Gayathri S	Speech Summarization using Essence Vector Modeling	International Journal of Engineering Research & Technology &IJERT	Vol: 9 Issue: 05 ISSN : 2278- 0181 pp:427-431	May 2020	Not Indexed	-	NA

International Conference Publications

S. No	Name of the Authors	Title of the Paper Presented	Conference Name	Venue	National/ International	Date
1.	Dhivya Rathinasamy	Intelligent Transportation Cyber-Physical System: Survey on Crowd through Event Detection for Public Urban Transportation	Springer: International Conference on Intelligent Computing and Smart Communication Technologies	Anurag Group of Institutions, Hyderabad, India	International	26.07.19 To 27.07.19
2.	Gobi N, Harshini G N	Student Feedback Sentiment Analysis System Using ARM with K-Means Clustering	International Conference on Statistical Applications in Data Analytics and Data Science	Amrita School of Engineering, Coimbatore,	Amrita School of Engineering, Coimbatore,	20.02.2020 To 22.02.2020
3.	Dr. N. SenthilMadasamy Shimona S	Data Privacy Preservation Using Classification Technique	International Conference on Green Intelligent computing and communication Systems ICGICCS 20	Hindustan College of Engineering and Technology	International	05.03.2020 To 06.03.2020
4.	A.Noble Mary Juliet S.Sreemathi	Gamification Based Skill Prediction Using Block Chain Technology	International conference on science, Technology ,Engineering and Management	Kalaignar Karunanidhi Institute of Technology, Coimbatore,	International	13.03.2020
5.	Dr.N.Suba Rani S.Arunkumar	A Novel Approach For The Security of Files Stored In Cloud NTRU Encryption Algorithm	International Conference on Science, Technology, Engineering and Management (ICSTEM'20),	Kalaignar Karunanidhi Institute of Technology, Coimbatore,	International	13.03.2020
6.	C. Jayashree V. DharanI K. Abiram	Hybrid Approach For Emotional Speech Classification	International Conference on Science, Technology, Engineering and Management (ICSTEM'20),	Kalaignar karunanidhi Institute of Technology, Coimbatore,	International	13.03.2020 To 14.03.2020.

7.	Bhavithra J Renuka K	Nutrition Recommendation For Diabetic Patients Using Improved Krill-Herd Optimization	International Conference on Statistical Applications in Data Analytics and Data Science,	Amrita School of Engineering, Coimbatore,	International	20.03.2020 To 22.03.2020.
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National Conference Publications

S. No	Name of the Authors	Title of the Paper Presented	Conference Name	Venue	National/ International	Date
8.	Dr.A.Rathinavelu, C.Jayashree, S.Saranya,	Concatenative speech synthesis using fraction based waveform concatenation technique and optimal coupling smoothing	National conference on signal processing Communication and Networking (NCSPCN 2020)	Bannari Amman Institute of Technology, March 2020	National	04.03.2020
9.	Bhavithra J Renuka K	Diet Recommendation for Glycemic Patients using Improved K-Means and Krill-Herd Optimization	Ninth National Conference on Computing and Communication,	Dr.Mahalingam College of Engineering and Technology, Pollachi,	National	06.03.2020
10.	Sivaramakrishnan C Senbagam B Dharaneesh S Hari D	Intelligent Tutor System for English Articles	National Conference on Computing and Communications	Dr.Mahalingam College of Engineering and Technology, Pollachi.	National	06.03.2020
11.	Dr. N. Senthil Madasamy, S.Shimona	Privacy Preservation of Data Using Classification and Anonymization Technique	National Conference on Computing and Communication	Dr.Mahalingam College of Engineering and Technology, Pollachi	National	06.03.2020
12.	Gobi N, Harshini G N	Student Feedback Sentiment Analysis System for Distance Education Using ARM with K-Means Clustering	National Conference on Computing and Communication	Dr.Mahalingam College of Engineering and Technology, Pollachi	National	06.03.2020

Patents

S. No	Name of the Faculty	Title of the Patent	Application Number	Filed Date	Published Date	Status
1.	Dr. M Pandi Dr. N Senthil Madasamy Dr.T.Sivakumar Dr.S.Veeramani Mr.K.Srinivasan Mr.P.Boopathirajan	An Application Program Interface For Gene Expression Data Clustering	202041000403	05.01.2020	06.03.2020	Published