

Madanapalle Institute of Technology & Science

Department of Computer Science & Engineering

Faculty Publication Details : AY 2020 - 2021

S.No	Authors Name	Title of the article	Name of the journal	Name of other authors	Mon-Year	Indexing (SCI/ESCI/WOS/SCOPUS/UGC/Referred)	Vol no., Issue no., page nos.	ISSN, DOI
1	Dr. S K MahabooBasha	A Novel Approach for Cloud Computing Load Balancing with Machine Learning	International journal of Advanced science and technology	M. Padmavathi , Dr. V. V. Jaya RamaKrishnaiah	Jul-20	Scopus	Vol. 29, Issue .11, pp.1209-1214	http://sercs.org/journals/index.php/1JAST/article/view/20810
2	Dr. R. Kalpana	A Heuristic Data Aggregation In Heterogeneous Low Power Devices For Internet Of Things	Journal of Critical Reviews	Dr.Y.Chitti Babu, Suganthi Su , Dr.M.Nithya	Jul-20	Referred	Vol. 7 , Issue. 14,pp. 51-57	ISSN- 2394-5125 , DOI: 10.31838/jcr.07.14.07
3	Dr. D. Chandramohan	Natural Language Processing Based Sentimental Analysis of Hindi (SAH) Script an Optimization Approach	International Journal of Speech Technology	Hewan Shrestha, Shanmugam Munisamy, Amudhavel Jayavel	Jul-20	Scopus	Vol. 23, pp. 757-766	DOI: https://doi.org/10.1007/s10772-020-09730-x
4	Dr. D. Chandramohan	2M2C-R2ED: Multi-Metric Cooperative Clustering Based Routing for Energy Efficient Data Dissemination in Green-VANETS	Technology and Economics of Smart Grids and Sustainable Energy	Ankur Dumka, L. Jayakumar	Dec-20	WoS	Vol.5, Issue. 1	DOI: https://doi.org/10.1007/s40866-020-00086-4
5	Dr. D. Chandramohan	DUICM Deep Underwater Image Classification Model using Convolutional Neural Networks	International Journal of Grid and High Performance Computing	Manimaran Aridoss,Ankur Dumka,Jayakumar Loganathan	Sep-20	Scopus	Vol. 12, Issue. 3,	ISSN: 1938-0259, DOI: 10.4018/IJGHP.2020070106
6	Dr. D. Chandramohan	Prediction of COVID-19 Using Genetic Deep Learning Convolutional Neural Network (GDCNN)	IEEE Access	R. G. Babukarthik, v. Ananth krishna adiga, g. Sambasivam,j. Amudhavel	Oct-20	Scopus	Vol. 8, pp. 177647-177666	10.1109/ACCESS.2020.3025164
7	Dr. D. Chandramohan	A bio-inspired privacy-preserving framework for healthcare systems	The Journal of Supercomputing	Manish Kumar, Atul Kumar Srivastava, Fadi Al-Turjman, Achyut Shankar, Manoj Kumar	Mar-21	SCIE	Vol. 11, pp. 11099-11134	https://doi.org/10.1007/s11227-021-03720-9
8	Dr. D. Chandramohan	Evolution of Fog Computing Applications, Opportunities, and Challenges: A Systematic Review	International Journal of Fog Computing	Hewan Shrestha, Puviyarai T.	Jun-21	Referred	Vol 4, Issue 1	10.4018/IJFC.2021010101
9	Dr. D. Chandramohan	Recent Advances in Edge Computing Paradigms: Taxonomy Benchmarks and Standards for Unconventional Computing	International Journal of Fog Computing	Hewan Shrestha, Puviyarai T.	Jun-21	Referred	Vol 4, Issue 1	10.4018/IJFC.2021010103
10	Dr. D.R. Denslin Brabin	A Visible Watermarking Scheme for JPEG Images Based on Modification of Frequency Coefficients	Automatic Control and Computer Sciences	Sriramulu Bojjaganib,D.R. Denslin Braja	Apr-21	Scopus	Vol. 55, No. 5, pp. 444-453	ISSN 0146-4116, 10.3103/S0146411621050023
11	Dr R Nidhya	Reducing the Search Space in Real-Road Shortest Path Finding Using Elliptical Pruning With Geographical Databases	Asian Journal of Information Technology	P. Ganesh Kumar, S. Karthik, R.M. Bhavadharini	Aug-20	Referred	vol. 19, issue 9, pp. 163-170	10.36478/ajit.2020.163.170
12	Dr R Nidhya	Enhanced Route Selection (ERS) Algorithm for IoT Enabled Smart Waste Management System	International Journal of Environmental Technology & Innovation (Elsevier)	Manish Kumar , Renjith V. Ravi, V. Deepak	Nov-20	SCI	volume 20, pp. 1-9	https://doi.org/10.1016/j.eti.2020.101116
13	Dr R Nidhya	Minimizing path loss and improving security in wireless body area networks	International Journal of Intelligent Unmanned Systems	Dinesh Kumar Anguraj,Abul Bashar, P.K. Shirma,Renjith V. Ravi	Mar-21	WoS	Vol. 10 No. 1, pp. 117-128	https://doi.org/10.1108/IJUS-09-2020-0047
14	Dr. Y.C.A. Padmanabha Reddy	Image Analysis For Automatic Enumeration Of Rbc Infected With Plasmodium Parasites-Implications For Malaria Diagnosis	Advances in Mathematics: Scientific Journal	J. Somasekar , A. Sharma, N. Madhusudhana reddy	Jun-20	Scopus	Vol - 3, 1229-1237	https://doi.org/10.37418/amsj.9.3.37
15	Dr. Y.C.A. Padmanabha Reddy	BAT algorithm based feature selection: Application in credit scoring	Journal of Intelligent & Fuzzy Systems	Diwakar Tripathi, B. Ramachandra Reddy , Alok Kumar Shukla, Ravi Kant Kumar and Neeraj Kumar Sharma	Jul-20	WoS	Vol. 41, pp. 5561 – 5570.	ISSN 1064-1246, 10.3233/JIFS-189876
16	Dr. G. N. Vivekananda	Intelligent physical systems for strategic planning and management of enterprise information	Peer-to-Peer Networking and Applications	Ye, C., Song, X, Savitha, V	Jul-20	SCI	Vol. 14, Issue 4, pp.2501-2510	DOI: 10.1007/s12083-020-00966-7, ISSN: 1936-6442
17	Dr. G. N. Vivekananda	Modelling and simulation of sprinters' health promotion strategy based on sports biomechanics	Connection Science,	Huifeng, Wang, Achyut Shankar	Mar-20	SCI	Vol. 33, Issue 4, pp. 1028-1046	DOI: 10.1080/09540091.2020.1807467, ISSN: 0954-0091
18	Dr. G. N. Vivekananda	Education 4.0 using artificial intelligence for students performance analysis	Inteligencia Artificial,	Chen, Z., Zhang, J., Jiang, X., Hu, Z., Han, X., Xu, M	Dec-20	SCI	Vol. 23, Issue 66, pp.124-137	Doi:10.4114/infartf., ISSN:11373601,
19	Dr. G. N. Vivekananda	FPLP3D: Security robot for face recognition in the workplace environment using face pose detection assisted controlled FACE++ tool position: A three-dimensional robot	Work, JoS Press,	Han, M., Zhang, F., Ning, N., Zhou, J., Shanthini, A	Mar-21	SCI	Vol. 68, Issue 3, pp. 881-890	DOI: 10.3233/WOR-203422, ISSN: 10519815
20	Dr. G. N. Vivekananda	DLM technique for QoS improvement in MANETS	Wireless Networks	B. Muni Lavanya, and P. Dileep Kumar Reddy	Apr-21	SCI	Vol.27, Issue 4, pp. 2867-2877	Doi: 10.1007/s11276-021-02622-1, ISSN: 1022-0038,
21	Dr.R. Anandkumar	Hybrid fuzzy logic and artificial Flora optimization algorithm-based two tier cluster head selection for improving energy efficiency in WSNs	Peer-to-Peer Networking and Applications		May-21	SCI	Vol. 14, pp. 2072-2083	https://link.springer.com/article/10.1007/s12083-021-01174-7
22	Dr.R. Anandkumar	A Hybrid Deep Learning-based Chaos Dynamic System for CryptoCurrency Prediction	International Innovative Research Journal of Engineering and Technology		Jun-22	Scopus		https://doi.org/10.32595/iiijet.org/v7i2.2021.151

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23	Dr. S.M. Farooq	A Security Mechanism for IEEE C37.118.2 PMU Communication	IEEE Transactions on Industrial Electronics	S. M. Suhail Hussain, Taha Selim Ustun	Jan-21	Scopus	Vol 69, Issue 1, 1053 - 1061	https://doi.org/10.1109/TIE.2021.3053897
24	Dr. S.M. Farooq	Using ID-Based Authentication and Key Agreement Mechanism for Securing Communication in Advanced Metering Infrastructure	IEEE Access	S. M. Suhail Hussain; Taha Selim Ustun; Atif Iqbal	Nov-20	Scopus	Vol 8, 210503 - 210512	https://doi.org/10.1109/ACCESS.2020.3038813
25	Dr. K Vanitha	Estimating the IPL Winner using Machine Learning	International Journal of All Research Education and Scientific Methods (IJARESM)	Bhargav Reddy.K, Govardhan Reddy.N, Jameel Basha.S, Chinmay Sai.5	Jun-21	Referred	Volume 9, Issue 6	ISSN: 2455-6211
26	Dr. K Vanitha	Guava Leaf Disease Classification Using Support Vector Machine	Turkish Journal of Computer and Mathematics Education	P. Perumal , Kandasamy Sellamuthu, K.Vanitha , and V.K.Manavalasundaram	Apr-21	Scopus	Vol.12 No.7 (2021),1177-1183	DOI: https://doi.org/10.17762/turcomat.v12i7.2728
27	Dr. K Vanitha	Security Implementation Using RSA and Enhanced RSA	International Journal of Cyber-Security and Digital Forensics (IJCSDF)	Dr.Vanitha K.1, Varada Sandeep Kumar2, Dara Anil Kumar Dara3	Jul-20	Referred	Volume 9 Issue 3, pp. 139-146	
28	Dr. K Vanitha	Multi Label Breast Cancer Classification using Machine Learning	International Journal of All Research Education and Scientific Methods (IJARESM)	Kumudha Veni.M, Lakshmi Prasanna.T, Lavanya.S, Lohitha.K	Jun-21	Referred	Volume 9, Issue 6	ISSN: 2455-6211
29	Mr. M. Anbazhagan	A class imbalance-aware review rating prediction using hybrid sampling and ensemble learning	Multimedia Tools and Applications	Michael Arock	Oct-20	Scopus	Vol - 69, pages6911–6938	https://doi.org/10.1007/s11042-020-10024-2

Faculty In-Charge

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