

R.V.R.& J.C COLLEGE OF ENGINEERING(AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING

2020-2021

RESEARCH PAPERS PUBLISHED BY FACULTY MEMBERS IN JOURNALS/BOOK CHAPTERS: 26

SNO	Title Of The Paper	Indexing	PageNo
1.	Kalpna Devi Bai. Mudavathu, Dr. M.V.P Chandra Sekhara Rao , "Wasserstein GANs for Generation of Variated Image Dataset Synthesis" Annals of R.S.C.B Vol. 25(3), 8753 – 8762, 2021.. ISSN:1583-625	Scopus	
2.	R.Lakshmi Tulasi , "An Attention Based Automatic Image description" Advanced Informatics for Computing Research, Springer, Vol.1393,254-263,2021. DOI: 10.1007/978-981-16-3660-8_24	Scopus	
3.	Rao M.V.V, Chaparala. Aparna , "An efficient data mining technique for structuralstrength monitoring system" Ingénierie des Systèmesd'Information, Vol. 26(2), 237-243. https://doi.org/10.18280/isi.260211 .	Scopus	
4.	Kiran R.N.D.S.S., Chaparala. Aparna , Radhika S, "Classification of groundwater by applying simplified fuzzy adaptive resonance theory" International Journal of Design & Nature and Eco dynamics, Vol. 16(2), 167-176, 2021. DOI: https://doi.org/10.18280/ijdne.160206	Scopus	
5.	Srikanth Meda , Raveendra Babu Bhogapathi, "An efficient and Scalable Heart Disease Diagnosis System with Attribute Impact Based Weights and Genetic Correlation Analysis" Revue d'IntelligenceArtificielle ,Vol.35(1),47-53,2021. DOI: 10.18280/ria.350105	Scopus	
6.	Dr.R.SravanKumar, SrilathaToomula, N.Zareena , Abhay Chaturvedi, Dr.S.Thowseaf, Dr. R. Manikandan, "Estimating the efficiency of Machine Learning in Forecasting Harvesting Time of Rice" International Journal of Modern Agriculture ,Vol.10(2),1930-1937,2021. ISSN: 2305-7246.	Web of Science	
7.	Mandadi Vasavi , Munugapati Bhavana, S J R K Padminivalli V , "Ground Water Quality Assessment in Guntur District GIS data Using Data Mining Techniques" PalArch's Journal of Archaeology of Egypt/Egyptology, Vol.18(4),2758-2767,2021.	Scopus	
8.	K Kranthi Kumar, Paladugu Rama Krishna , Pulicherla S iva Prasad , B.Srikanth, "Identification of Malware Contenet in IoT Technology Enabled Device related files Using Machine Learning Algorithms" Annals of R.S.C.B, Vol.25(6), 6747 – 6757, 2021. ISSN:1583-6258	Scopus	

9.	K Kranthi Kumar, D.N.V.S.L. S.Indira, Brahmaiah Madamanchi, Aravinda Kasukurthi , Vinay Kumar Dasari, "An Efficient Image Classification of Malaria Parasite Using Convolutional Neural Network and ADAM Optimizer" Turkish Journal of Computer and Mathematics Education, Vol.12(2), 3376-3384, 2021.	Scopus	
10.	Tsehay Admassu Assegie, R. Lakshmi Tulasi , N. Komal Kumar, "Breast Cancer Prediction Model with Decision Tree and Adaptive Boosting" IAES International Journal of Artificial Intelligence, Vol. 10(1), 184-190, March 2021. ISSN: 2252-8938, DOI: 10.11591/ijai.v10.i1.pp184-190	Scopus	
11.	J Manjula, S Radharani, N.Hanumantha Rao , Y Madhulika, "An Ensemble Classification Techniques based on 'MI' model for automatic diabetic retinopathy detection" Turkish Online Journal of Qualitative Inquiry(TOJQI), Vol. 12(3), 1002- 1010, June, 2021.	Scopus	
12.	B.Srikanth, Srinivasa Rao Chunchu, Naveen Mukkapati , N.Sridevi, Konduru Kranthi Kumar, "Design and Development of Image Based Plant Leaf Disease Monitoring System using Deep Learning Algorithms" Plant Cell Biotechnology and Molecular Biology, Vol.22(33&34), 516-526, 2021.	Scopus	
13.	Kumar M MVM, Ch.Aparna , "A hybrid BFO-FOA based energy efficient cluster head selection in energy harvesting wireless sensor network" International Journal of Communication Networks and Distributed Systems, Vol.25, No.2, 2020. DOI: 10.1504/IJCNDS.2020.108892	Web of Science	
14.	G.S.Prasad , V.Rajiv Jetson, "Extended Multi-level Decision making Method for Software development process", HTL Journal, Vol. 26, issue No. 12, Dec 2020. ISSN NO : 1006-6748	Scopus	
15.	Veeraju Gampala, M.Sreelatha , "Early prediction and analysis of COVID-19 pandemic outbreak using deep learning technique" Journal of Critical reviews, Vol.7(18), 2971-2981, ISSN 2394-5125, September, 2020.	Scopus	
16.	K.Siva Kumar , Dr.K.Janaki, "A Review on video compression Approaches and utilization of deep Learning techniques", International journal of Advanced research in engineering and technology(IJARET), vol.11 Issue 9, ISSN NO: 1533-9211, September 2020.	Scopus	
17.	K. Prasada Rao, M.V.P. Chandra Sekhara Rao , "Recognition of learners cognitive states using facial expressions in e-learning environment" University Journal of Shanghai for Science and Technology, Vol. 22(12), 93-103, ISSN 1007-6735(December, 2020.	Scopus	

18.	A.Sri Nagesh , K. Arun, "Multilingual twitter sentiment analysis using machine learning" International Journal of Electrical and Computer Engineering (IJECE),Vol.10(6), 5592-6000,December,2020 DOI: http://doi.org/10.11591/ijece.v10i6.pp5992-6000 .	Scopus	
19.	A.Sri Nagesh , K. Arun, "Forecasting public opinions from twitter data using regression and time series methods" Solid State Technology,Vol.63(4), 6892-6901, Nov-Dec. ,2020 (Scopus indexed).	Scopus	
20.	Sk.Irfan Babu, M.V.P. Chandra Sekhara Rao , "Efficeint Hostile URL Spotting using Top K Characteristics with HTML tags" , Journal of advanced research in dynamic and control systems,Vol.12,Issue.02,2020.DOI: 10.5373/JARDCS/V12I2/S2 0201233	Scopus	
21.	K.RuthRamya, M.V.P. Chandra Sekhara Rao , "An efficient Siamese Network Based Multi-Biometric Key Distribution Protocol for Cloud data security" ,Journal of Xidian University,Vol.14,Issue.18,2020.ISSN: 2005-4238 .	Scopus	
22.	Shaik Irfan Babu, Dr.M.V.P.Chandra Sekhara Rao ," Identification Of Malicious Websites With HTML And URL Based Features Using Machine Learning" International Journal of Future Generation Communication and Networking,vol13, No.4, 2020.ISSN: 2233-7857	Web Of Science	
23.	M.VishnuVardhana Rao, Ch.Aparna , "A building damage classification framework for feature subset selection using rough set with mutual information" Soli State Technology,Vol.63(2s),498.	Scopus	
24.	M.VishnuVardhana Rao, Ch.Aparna , "Structural strength monitoring system practices using machine learning " Proceedings of Integrated Intelligence enable networks and computing, Springer,498.DOI: 10.1007/978-981-33-6307-6_26.	Scopus	
25.	Gunturi S Raghavendra , Dr. Shanthi Mahesh, Dr. M.V.P. Chandrasekhara Rao ",Processing Large Scale Unstructured Big Data Using U-Stream Framework, VOLUME 15 ISSUE 9 2020, ISSN NO: 1533-9211.	Scopus	
26.	K. Prasada Rao , M.V.P. Chandra Sekhara Rao , N. HemanthChowdary , " An integrated approach to emotion recognition and gender classification", Journal of Visual Communication and Image Representation, Volume 60, April 2019, Pages 339-345 https://doi.org/10.1016/j.jvcir.2019.03.002	Science Citation Index Expanded Scopus Web of Science	

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PAPER PRESENTATIONS BY FACULTY MEMBERS AT INTERNATIONAL CONFERENCES: 05

S.No	Author	Title of the paper	Conference Details	Page No
1.	Dr. Ch.Aparna	Data Mining Technique For Structural Strength Monitoring System Methodologies	International Conference on Computer Communication and Informatics (ICCCI-2021), Coimbatore,India,Jan.27-29,2021. (DOI:10.1109/ICCCI50826.2021.9402640).	
2	Dr. Ch.Aparna	Human emotion detection using convolutional neural network with hyperparameter tuning	Third International Conference on Recent Trends in Advanced Computing	
3	Dr. R.Lakshmi Tulasi	An attention based automatic image description generation	Fourth International Conference on Advance Informatics for Computing Research (ICAICR)	
4	Dr. R.Lakshmi Tulasi	Performance Analysis of Classification Methods for Cardio Vascular Disease (CVD	Advances in Communication and Computational Technology, Lecture Notes in Electrical Engineering, Vol.668, 1231-1238, Jan 2021. DOI: 10.1007/978-981-15-5341-7_93 . Springer	
5.	Sri M. Srikanth	A Hybrid Framework for Prediction of Heart Disease using Rough Set and Fuzzy Set Approach	International Conference on Computational and Bio Engineering jointly Organized by Departments of Computer Science, Bio Sciences & Sericulture, 4th & 5th December 2020.	