

Department of computer science and Engineering: VRSEC

Academic Year: 2021-22

Name of the Author(s)	Title of the Publications	Name of the Journal/conference	Type	Vol, Issue No., Page No.	Month & Year of Publication	Indexing
Dr.D. Rajeswara Rao	Identification of missing person using convolutional neural networks	2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	Conference		07-09 April 2022 Erode, India	Scopus
	Classification of land cover usage from satellite images using deep learning algorithms	2022 International Conference on Electronics and Renewable Systems (ICEARS)	Conference		13 April 2022 Tuticorin, India	Scopus
	Mineral Identification using CNN	2022 International Conference on Electronics and Renewable Systems (ICEARS)	Conference		16-18 March 2022 Tuticorin, India	Scopus
Dr.K. SuvarnaVani	Automatic Tool Generation for Diagnosing Blood Anemia	Journal of Cardiovascular Disease Research		VOL 12, ISSUE 04, 2021		SCI
	Evaluation of support to beneficiaries under PMAY using clustering techniques	2 nd Global conference for Advancement in Technology	Conference		1 st -3 rd October,2021	Scopus
	Framework for Diabetic Retinopathy Classification	International conference on Smart Computing & Informatics	Book Chapter			Scopus
Dr.Praveen Kumar Kollu	Development of Advanced Artificial Intelligence and IoT Automation in the Crisis	Hindawi Journal of Healthcare Engineering	Conference	Volume 2022, Article ID 1987917, 12 pages		SCI

	of Covid-19 Detection			2040-2309		
	Efficient Recommender System for Over-the-Top Media Service	2021 2nd Global Conference for Advancement in Technology (GCAT)	Conference		1-3 Oct. 2021	Scopus
	An Anomaly Based Network Intrusion Detection System Using LSTM and GRU	2022 International Conference on Electronic Systems and Intelligent Computing (ICESIC	Conference		22-23 April 2022	Scopus
	Robotic Vehicle Control by Hand Gestures of Authorized Users	Proceedings of Third International Conference on Intelligent Computing, Information and Control Systems	Book Chapter		2022	Scopus
Dr. M. Sobhana	Quantum inspired meta-heuristic approach for optimization of genetic algorithm	Computers and Electrical Engineering	Conference	0045-7906		SCI
	An Artificial Intelligence based weed classification using VGG 16 Classifier and RMSPROP Optimizer	Journal Of Theoretical and Applied Information Technology	Conference		15 th March, 2022 1817-3195	Scopus
	Deep learning based Mobile based mobile application for nutrient deficiency identification of rice plants using ADAM optimizer	DELCON 2022	Conference		11h-13 th February,2022	Scopus
	Predicting crop yield with NDVI in back scatter values using deep neural networks	MECON 2022,	Conference	Amity University	UP,10 th -11 th March,2022	Scopus

	Improved reliability prediction in engineering systems based on artificial neural networks	MECON 2022,	Conference	Amity UniversityUP	10 th -11 th March,2022	Scopus
	Family Expenditure and Income Analysis using Machine Learning algorithms	Second International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE), 2021,	Conference	Reva University	Date:16th nd 17th December 2021	Scopus
	KRISHI RAKSHAN-A machine learning based new recommendation system to the farmer	2022 6th International Conference on Intelligent Computing and Control Systems (ICICCS)	Conference	Madurai, India	25-27 May 2022	Scopus
	Automatic Cephalometric Analysis using machine learning	2 nd International Conference on Intelligent technologies	Conference	KLE Institute of Technology,Hubballi	24 th – 26 th June, 2022	Scopus
	Precision Agriculture Farming By Monitoring And Controlling Irrigation System Using Sensors	Intelligent Data Communication Technologies and Internet of Things	Book Chapter			Scopus
Dr.G.Anuradha	Quantum inspired meta-heuristic approach for optimization of genetic algorithm	Computers and Electrical Engineering	Conference	0045-7906		SCI
	Face Transferring on Webcam images using Style GAN	Journal of Physics: Conference	Conference	Series, Volume 2062,(2021) 012011 17426588-17426596		Scopus

	Learning Algorithms	International Journal of Advanced Intelligence Paradigms	Conference	Vol. 21, No.3-4 April 7,2022 1755-0394		Scopus
	Survey On Personality Detection Using Deep Learning Techniques	6 th international conference in communication and electronics systems	Conference	PPG Instuite of Technology, coimbatore		Scopus
	Road extraction using CNN & Swarm Intelligence from Remote sensing Images	International Conference on Machine Learning Big Data Management Cloud and Computing	Conference	13 th June, 2022 Asian Society of academic research		Scopus
	Sign Gesture Recognition for deaf and dumb people	2nd International Conference on Sustainable Materials and Computational techniques 2022	Conference	International Federation of Innovative Research and Development May 27-28, 2022		Scopus
	Detection of weed plants using Image processing and deep learning techniques	2nd International conference on image processing and capsule networks(ICIPCN)	Book Chapter			Scopus
Dr. G. Kranthi Kumar	A deep learning based Human Activity Recognition model using short term memory networks	International Conference on Sustainable Computing and Data Communication Systems ICSCDS-2022	Conference	Shree Venkateshwar a Hi-Tech Engineering College Erode, India	7-9, April 2022	Scopus
	Stress Management System	DELCON 2022.	Conference	NetajiSubhas university of Technology, New Delhi,	11-13 th Feb 2022	Scopus

				India		
	Implementing Augmented Reality Using Opencv	DELCON 2022.	Conference	NetajiSubhas university of Technology, New Delhi, India	11-13 th Feb 2022	Scopus
Mrs.K.S.Vijaya Lakshmi	Frontal Face Outline Generation	International conference on computing sciences	Chennai 24th April 2022			Scopus
	Automatic Tool Generation for Diagnosing Blood Anemia	Journal of Cardiovascular Disease Research		VOL 12, ISSUE 04, 2021		Scopus
Mr.A. Raghu Vera Pratap	Automatic Tool Generation for Diagnosing Blood Anemia	Journal of Cardiovascular Disease Research	Conference	VOL 12, ISSUE 04, 2021		Scopus
	Machine Learning and Image Processing Enabled Evolutionary Framework for Brain MRI Analysis for Alzheimer's Disease Detection	Hindawi Computational Intelligence and Neuroscience s	Conference	Volume 2022, Article ID 5261942, 8 page		SCI
	Machine Learning based clinical diagnosis of Liver Patients with Instance Replacement	Journal of Mobile Multimedia	Conference	Vol. 18_2 Sep, 2021 15504646		Scopus
	Machine learning based approach to predict energy consumption of India states	2022 6th International Conference on Computing Methodologies and Communication (ICCMC)	Conference	Erode, India	29-31 March 2022	Scopus

Mrs. M.VaniPujitha	Autism Spectrum Disorder Detection Techniques	International Conference on Communication, Computing and Internet o things	Conference	Sai Ram Engineering College, Chennai,	10 th -11 th March ,2022	Scopus
	Performance analysis of Modified Position Responsive RoutingProtocol(MPRRP) to Improve QoS in wireless sensor networks	International Conference on Communication, Computing and Internet o things ,	Conference	Sai Ram Engineering College, Chennai,	10 th -11 th March ,2022	Scopus
	Design and Analysis of a rider safety bicycle	International conference on Advanced Materials for Innovation and Substainability-2022	Conference	MLR Institute Of Technology, Hyderabad,	18 th -19 th February,2022	Scopus

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Ms. V.Deepa	Detection Of Parkinson's disease using Light GBM Classifier	6 th International conference on computing methodologies and communication	Conference	29 th -31 st March,2022		Scopus
Mrs. S. Rajeswari	Comprehensive study on key pollen Allergens	Journal of pure and applied microbiology	Conference	Article 7172 0973-7510		Scopus
	Classification of Road Cracks using Deep Neural Networks	2nd International Conference on Smart Electronics and Communication(ICOSEC)	Conference	Kongunadu College of Engineering and Technology, Trichy ,TN 7-9,	October 2021	Scopus