

Gokaraju Rangaraju Institute of Engineering and Technology

[Autonomous]

Department of Computer Science and Engineering



Center of Excellence - AI and ML Lab

List of Research Publications

S. No	Name of Authors	Title of Research Paper	Journal/Conference Name & Year of Publication
1	Suneetha TV,Kiranmai B Raghu Kumar Lu Deepa B,Soosan Chhabra	Content based image retrieval using deep learning	AIP Conf. Proc. 3157, 030003 April (2025)
2	Konda Adilakshmi, Malladi Srinivas, Anuradha Kodali, Srilakshmi Vellanki	Aspect term extraction and optimized deep learning for sentiment classification	Social Network Analysis and Mining (2024)
3	Karanam Madhavi, Yesupogu Suri Babu, G. Ramesh, Deepika Dua, Vijay Bhasker Reddy	Review on Tomato Ripe Detection and Segmentation Using Deep learning Models for Sustainable Agricultural Development	E3S Web of Conferences ICMPC, 430, 01058, 2023
4	D.Siri, D., Desu, S., Alladi, K., Singh, S., Srilakshmi, V.	Automated System for Bird Species Identification Using CNN	E3S Web of Conferences, 2023
5	Preethika, Y., Anuradha, K., Srilakshmi, V.	COVID-19 classification using CNN model on radiography image data	AIP Conference Proceedings, 2023
6	Anuradha, K., Srilakshmi, V., Naga Sai, J.S., Lathasri, V.	Image Caption Generator Using CNN and LSTM	AIP Conference Proceedings, 2023
7	Ch.Mallikarjuna Rao, M.Harika	Crop Yield Prediction using Neural Networks and Machine Learning	Neuro Quantology, October 2022, Volume 20,Issue 12
8	B.Kalyan, Dr.P.Chandrasekhar Reddy	Brain Tumour Detection using Convolution Neural Networks	International Conference on Reliability, Infocom technologies and Optimization, IEEE, Oct. 2022
9	S.Venkatesh,Dr.B.Sa nkara Babu	A Novel approach for Detection and Counting of Vehicles using CNN architectures	International Conference on Reliability, Infocom technologies and Optimization, IEEE, October 2022
10	Dr.G.Karuna, K.Pravallika,	Convolutional and Spiking Neural Network Models for Crop Yield Forecasting	E3S Web of Conferences, ICMED 2021

	Dr.K.Anuradha, V.Srilakshmi		
11	P.Lakshmi Sruthi, Dr.K.Butchi Raju	Prediction of the COVID-19 pandemic with Machine Learning Models	International Conference on I-SMAC, IEEE 2021
12	G. Karuna, K. Pravallika, K Madhavi, V. Srilakshmi, K. Swaraja, G. Kalpana	Novel Corona Virus Prediction and Transmission Analysis using Machine Learning Models	E3S Web of Conferences, ICMED 2021
13	P.Rahul Das, G.Karuna, V.Srilakshmi, BRupa	Parasite Malaria Detection Using Smart Phone Based Deep Learning Techniques	Kala Sarovar, September 2020
14	C.Komala, Dr.K.Butchi Raju	A Survey on a Nonlinear Regression Application to Machine Learning techniques for Geomagnetic Data Reconstruction Processing	E3S Web of Conferences, ICMED 2020
15	M.Manisha, Anuradha K, V. Srilakshmi	Machine Classification for Suicide Ideation Detection on Twitter	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Oct. 2019
16	C.Srihitha, Dr.A.Sai Hanuman	A Survey on Privacy Preservation Techniques for data Clustering K-Means Over Large-Scale Dataset	International Journal of Advanced Research in Computer Science, February 2018