Publication Details: Faculty Members

Academic Year: 2021-22

Department of CSE (Artificial Intelligence and Machine Learning)

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)

Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)

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Academic Year	No. of Journal Publications (JP)			No. of Conference Proceedings (CP)		Total Year-Wise (JP & CP)	Patents
	SCI	SCOPUS	UGC	SCOPUS	UGC		
2021-2022 (July 21 to June 22)	2	1	1	12	-	**16**	-
Total (JP, CP, Patents)						**16**	

HoD – AIML

Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous)

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Publication Details: Faculty Members

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SCI Publication

[1] Adla Devakishan, G. Venkata Rami Reddy, Padmalaya Nayak, G. Karuna, "Deep Learning-based Computer Aided Diagnosis Model for Skin Cancer Detection and Classification", Distributed Parallel Databases, vol. 40, pp. 717-736, August 2021, DOI: https://doi.org/10.1007/s10619-021-07360-z

[2] K. Swaraja, K. Meenakshi, Valiveti, Hema Bindu, G. Karuna, "Segmentation and Detection of Brain Tumor through Optimal Selection of Integrated Features using Transfer Learning", Multimedia Tools Applications, vol. 81, pp. 27363-27395, March 2022, DOI: https://doi.org/10.1007/s11042-022-12414-0

SCOPUS Journal Publications

[1] G. Kalapana, A. Kanaka Durga, G. Karuna, "CNN Feature and Optimized Generative Adversarial Network for Covid-19 Detection from Chest X-Ray Images", Critical Reviews in Biomedical Engineering, vol. 50, no.3, pp. 1-17, 2022, DOI: 10.1615/CritRevBiomedEng.2022042286

Conference Proceedings (with SCOPUS INDEXING)

[1] Dr. G. Karuna, K. Pravallika, K. Anuradha, and V. Srilakshmi, "Convolutional and Spiking Neural Network Models for Crop Yield Forecasting", In proceedings of 4th International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2023), E3S Web of Conferences, vol. 391, no. 01153, pp. 1-7, June 2023, DOI: https://doi.org/10.1051/e3sconf/202130901162

[2] K. Pravallika, G. Karuna, K. Anuradha and V. Srilakshmi, "Deep Neural Network Model For Proficient Crop Yield Prediction", In proceedings of 4th International

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[4] G. Karuna, K. Pravallika, Karanam Madhavi, V. Srilakshmi, K. Swaraja and G. Kalpana, "Novel Corona Virus Prediction and Transmission Analysis using Machine Learning Models", In proceedings of 4th International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2023), E3S Web of Conferences, vol. 391, no. 01153, pp. 1-7, June 2023, DOI: https://doi.org/10.1051/e3sconf/202130901034

[5] K. Anuradha, Deekshitha Erlapally, G. Karuna, V. Srilakshmi and K. Adilakshmi, "Analysis of Solar Power Generation Forecasting using Machine Learning Techniques", In proceedings of 4th International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED-ICMPC 2023),E3S Web of Conferences, vol. 391, no. 01153, pp. 1-7, June 2023, DOI: https://doi.org/10.1051/e3sconf/202130901163.

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[10] Nelikanti, A., Venkata Rami Reddy, G., Karuna, G. (2022). "Object Tracking Using Moderate Derivative Gain Kalman Filter", In: Karrupusamy, P., Balas, V.E., Shi, Y. (eds) Sustainable Communication Networks and Application. Lecture Notes on Data Engineering and Communications Technologies, vol. 93. Springer, Singapore, DOI: https://doi.org/10.1007/978-981-16-6605-6_44

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