



Publication Details: Faculty Members

Academic Year: 2024-25

Department of CSE

(Artificial Intelligence and Machine Learning)

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Autonomous)



**Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)**

Department of CSE (Artificial Intelligence and Machine Learning)

Publication Details: Faculty Members

Academic Year: 2024-25

Academic Year	No. of Journal Publications (JP)			No. of Conference Proceedings (CP)		No. of Book Chapters (BC)	Total Year-Wise (JP & CP)	Patents
	SCI/E SCI	SCOPUS	UGC	SCOPUS	UGC			
2024-2025 (July 24 to June 25)	5			73		2	80	3
Total (JP, CP, Patents)							80	

*BC=Book Chapter

HoD – AIML



Gokaraju Rangaraju Institute of Engineering and Technology (Autonomous)

Department of CSE (Artificial Intelligence and Machine Learning) Publication Details

Academic Year: 2024-25

SCI Publications

- [1] **Polepaka, S.,** Ram Kumar, R. P., **Palakurthy, D., Manasa, V., Saritha, A.,** Dixit, S., ... Adnan, M. M. (2024). Optimized convolutional neural network using grasshopper optimization technique for enhanced heart disease prediction. *Cogent Engineering*, 11(1). <https://doi.org/10.1080/23311916.2024.2423847>
- [2] Ram Kumar, R. P., Polepaka, S., Manasa, V., Palakurthy, D., Annapoorna, E., & Dhaliwal, N. (2024). Investigations on cardiovascular diseases and predicting using machine learning algorithms. *Cogent Engineering*, 11(1), 2386381. <https://doi.org/10.1080/23311916.2024.2386381>
- [3] **G, Karuna., Ediga, P.,** S, A., P, A., T, S., Mittal, A., ... Habelalmateen, M. I. (2024). Smart energy management: real-time prediction and optimization for IoT-enabled smart homes. *Cogent Engineering*, 11(1). <https://doi.org/10.1080/23311916.2024.2390674>
- [4] Mamidi, Kiran Kumar, Kireet Muppavaram, **Karuna Gotlur,** Sudeepthi Govathoti, Khristina Maksudovna Vafaeva, Anil Kumar Saxena and Ammar Hameed Shnain. "Investigation of cyber attacks using post-installation app detection method." *Cogent Engineering* 11 (2024): n. page
- [5] Ganesh, A., Sree Divya, K., Sasikala, C., **Poornima, E.,** Nidamanuru, S. R., Sujith, A. V. L. N., & Gajula, R. (2024). Optimizing task scheduling: Exploring advanced machine

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- [2] Chandrashekar, R., Nagpal, A., **Anthappagudem, Samatha.**, Praveen, P., Jabbar, A., Singh, S., & Reddy, M. (2024). A comprehensive analysis of column optimization for circular elevated water tanks in seismic environments. *E3S Web of Conferences*, 552, 01120. <https://doi.org/10.1051/e3sconf/202455201120>
- [3] Archakam, J., Nagpal, A., **Polepaka, S.**, Chandra, P., Saeed, H., Pahwa, S., & Krishna, C. (2024). Parametric optimization of circular elevated water tanks under various capacities and seismic conditions. *E3S Web of Conferences*, 552, 01119. <https://doi.org/10.1051/e3sconf/202455201119>
- [4] Devi, V.S. & **Anjaneyulu, Madugula** & Nagpal, Amandeep & Chandra, Pradeep & Jabbar, Ahmed & Tyagi, Lalit & Kishore, N.. (2024). A Comparative Study of Analyzing the Impact of Various RCC Building Shapes on Wind Performance. *E3S Web of Conferences*. 552. 01117. [10.1051/e3sconf/202455201117](https://doi.org/10.1051/e3sconf/202455201117). Jul 2024.
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