

Scopus Indexed-Journal Publications

2024

1. Kumar, A., Sharma, R., & **Bedi, P.** (2024). Towards Optimal NLP Solutions: Analyzing GPT and LLaMA-2 Models Across Model Scale, Dataset Size, and Task Diversity. *Engineering, Technology & Applied Science Research*, 14(3), 14219-14224. <https://doi.org/10.48084/etasr.7200>
2. Richa, **Bedi, P.**, Gupta, S., & Kumar, R. (2024). Incorporation of Two-Fold Trust in Group Recommender System to Handle Popularity Bias. *SN Computer Science*, 5, 259. <https://doi.org/10.1007/s42979-023-02576-5>
3. Dwivedi, R., Nand, P. & Pal, O. (2024). Attention based English to Indo-Aryan and Dravidian language translation using Sparsely Factored Neural Machine Translation. *Indonesian Journal of Electrical Engineering and Computer Science*. (accepted).
4. Gupta, O., Agarwal, A. & Pal, O. (2024). Masked Facial Recognition using Ensemble Convolutional Neural Network (CNN) and Grey-Level Co-occurrence Matrix (GLCM). *Indonesian Journal of Electrical Engineering and Computer Science*, Vol. 34, No.1, pp. 302-311. DOI: 10.11591/ijeecs.v34.i1.pp302-311.

2023

1. **Bedi, P.**, Dua, A., & Jindal, V. (2023). FIHIM: a framework for information hiding in IPv6 using micro-protocols. *International Journal of Information Technology*. <https://doi.org/10.1007/s41870-023-01511-4>
2. Gupta, N., Jindal, V., & **Bedi, P.** (2023). A Survey on Intrusion Detection and Prevention Systems. *SN Computer Science*, 4, 439. <https://doi.org/10.1007/s42979-023-01926-7>
3. Thukral, A., Dhiman, S., Meher, R., & **Bedi, P.** (2023). Knowledge graph enrichment from clinical narratives using NLP, NER, and biomedical ontologies for healthcare applications. *International Journal of Information Technology*, 15, 53-65. <https://doi.org/10.1007/s41870-022-01145-y>
4. Divya Kwatra, Kalaga Ramachandra Rao, and **Vasudha Bhatnagar** (2023), Novel Accessibility Metrics Based on Hierarchical Decomposition of Transport Networks, *Scientific Journal of Silesian University of Technology, Series Transport*, Volume 118, pp. 139-160. DOI: 10.20858/sjsutst.2023.118.10 (Scopus)
5. Rana, B., & Rathore, S. S. (2023). Industry 4.0–Applications, challenges and opportunities in industries and academia: a review. *Materials Today: Proceedings*, 79, 389-394. <https://doi.org/10.1016/j.matpr.2022.12.162>

2021

1. Bedi, P., Dhiman S., Gole, P., Gupta, N., & Jindal, V. (2021). Prediction of COVID-19 Trend in India and its four worst-affected states using Modified SEIRD and LSTM models, *SN Computer Science*, 2, 224. <https://doi.org/10.1007/s42979-021-00598-5>