

Dr.Karmel A - Publications

1. Karmel, A., Vijayakumar, V., & Kapilan, R. (2019), “Ant-based efficient energy and balanced load routing approach for optimal path convergence in MANET” *Wireless Networks*, 1(1), 1-13. (IF : 2.405)
2. Ravi, L., Subramaniaswamy, V., Vijayakumar, V., Chen, S., Karmel, A., & Devarajan, M. (2019), “Hybrid location-based recommender system for mobility and travel planning”, *Mobile Networks and Applications*, 24(4), 1226-1239. (IF : 2.39).
3. Gayathri, R., Magesh, A., Karmel, A., Vincent, R., Sivaraman, A.K, "Low cost automatic irrigation system with intelligent performance tracking", *Journal of Green Engineering*, 2020, 10(12), pp. 13224–13233.
4. Karmel, A., Umamaheswari, E., Kanchana Devi, V., David Maxim Gururaj, A., Subhashini, R, "Transmission range based optimal backbone path for energy consumption in manet", *Indian Journal of Computer Science and Engineering*, 2020, 11(6), pp. 835–842.
5. Adhithiyan, M., Karmel, A., "Novel approach of deep learning in toxicity prediction", *International Journal of Recent Technology and Engineering*, 2019, 7(5), pp. 698–704.
6. Karmel, A., Sharma, A., Pandya, M., Garg, D., "IoT based Assistive Device for Deaf, Dumb and Blind People", *Procedia Computer Science*, 2019, 165, pp. 259–269.
7. Karmel, A., Adhithiyan, M., Senthil Kumar P, "Machine learning based approach for pothole detection", *International Journal of Civil Engineering and Technology*, 2018, 9(5), pp. 882–888.
8. Karmel, A., Saravanan A, "Multi-level privacy preservation and transmission of medical records using cryptographic technique", *International Journal of Applied Engineering Research*, 2017, 12(17), pp. 6735–6740.