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### **LAST 5 YEARS PUBLICATION DETAILS**

1. V Sathiya, M Chinnadurai,” Evolutionary algorithms-based multi-objective optimal mobile robot trajectory planning”, Robotica, Vol. 37 (8), 1363-1382,2019.
2. AS Raj, M Chinnadurai,” Energy efficient routing algorithm in wireless body area networks for smart wearable patches”, Computer Communications 153, 85-94,2020.
3. S Manikandan, M Chinnadurai,” Intelligent And Deep Learning Approach Ot Measure E-Learning Content In Online Distance Education”, The Online Journal of Distance Education and e-Learning 7 (3), 199,2019.
4. S Manikandan, M Chinnadurai,” Motion Detection Algorithm for Agent Interaction Surveillance Systems”, International Journal of Engineering Technology Science and Research (IJETSR),2394-3386,2017.
5. KM Kumaran, M Chinnadurai,” Cloud-based robotic system for crowd control in smart cities using hybrid intelligent generic algorithm”, Journal of Ambient Intelligence and Humanized Computing, 1-14,2020.
6. S Manikandan, M Chinnadurai, DMM Vianny, D Sivabalaselvamani,” Real Time Traffic Flow Prediction and Intelligent Traffic Control from Remote Location for Large-Scale Heterogeneous networking using TensorFlow”, International Journal of Future Generation Communication and Networking, vol.13, 1006-1012,2020.
7. AS Raj, M Chinnadurai, “Multiple input and multiple output and energy-aware peering routing protocol for energy consumption in sensor networks”, International Journal of Communication Systems, e4267,2019.

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9. V Sathiya, M Chinnadurai, S Ramabalan, A Appolloni," Mobile robots and evolutionary optimization algorithms for green supply chain management in a used-car resale company", Environment, Development and Sustainability, 1-29,2020.
10. KM Kumaran, M Chinnadurai," A Competent Ad-hoc Sensor Routing Protocol for Energy Efficiency in Mobile Wireless Sensor Networks", Wireless Personal Communications, 1-16,2020.
11. R Manivannan, M Chinnadurai," Analysis of energy efficient and network traffic delay in wireless networks using channel aware routing", Transactions on Emerging Telecommunications Technologies, John Wiley & Sons, Ltd.,2020.
12. M Chinnadurai, A Jayashri," Storage and Security Preservation Using Cloud Based Intelligent Compression Scheme",2019.
13. AS Raj, M Chinnadurai," Lifetime Maximizing Dynamic Energy Efficient Routing Protocol With MIMO For Energy Efficient Information Transmission In The Sensor Networks", Volume 53, ISSUE 2 (MAY - AUG), 2019 ,Caribbean Journal of Science, ISSN: 0008-6452,
14. P Hemavathy, M Chinnadurai," Performance validation of clustering algorithms using selection of attributes and application of filters in terms of data reduction", Concurrency and Computation: Practice and Experience, e5364,2019
15. V Sathiya, M Chinnadurai," Optimal autonomous mobile robot motion planning for green logistics", International Journal of Productivity and Quality Management 28 (1), 68-89,2019.
16. M Chinnadurai, SM Ramesh," Implementation of Parallel Look up Table (pLUT) in High Level Synthesis Tool", Journal of Computational and Theoretical Nanoscience 14 (3), 1461-1464,2017.
17. V Manoharan, M Chinnadurai," Energy Efficient Wireless Sensor Network Lifetime Maintenance Using Lpedap", International Journal of Communication and Networking System 5 (1), 7-11,2016.

18. M Chinnadurai, SM Ramesh,” An Optimized Scheduling Algorithm for High Level Synthesis (HLS) to Reduce the Control Steps”, Asian Journal of Research in Social Sciences and Humanities 6 (9), 1289-1295,2016.