

International Journals: 13

1. Dinesh Singh, Ashish Kumar Maurya, Ranvijay, and Rama Shankar Yadav. "A trust-based clustering approach to form stable clusters in vehicular ad hoc networks." *Journal of Ambient Intelligence and Humanized Computing* pp. 1-20, 2022. **[SCI, IF: 4.9]**
2. Sushil Kumar Maurya,, Dinesh Singh, and Ashish Kumar Maurya. "Deceptive opinion spam detection approaches: a literature survey." *Applied Intelligence*, pp. 1-46, 2022. **[SCI, IF: 5.3]**
3. Abhay Katiyar, Dinesh Singh, and Rama Shankar Yadav, "Advanced multi-hop clustering (AMC) in vehicular ad-hoc network" *Wireless Networks*, 28 (1), 45-68, 2022. **[SCI, IF: 3.0]**
4. Dinesh Singh, Ashish Kumar Maurya, Ranvijay, and Rama Shankar Yadav, "CRLMDA: CRL Minimization and Distribution Algorithm in Cluster-based VANETs" *International Journal of Communication Networks and Distributed Systems*, vol. 29(3), pp. 239-267, 2023. **[ESCI, IF: 1.3]**
5. Niharika Keshari, Dinesh Singh, and Ashish Kumar Maurya. "A survey on Vehicular Fog Computing: Current state-of-the-art and future directions." *Vehicular Communications* vol.38, pp. 100512, 2022. **[SCI: IF: 8.3]**
6. Ashish Kumar Maurya, Anshul Meena, Dinesh Singh, and Vinay Kumar. "An energy-efficient scheduling approach for memory-intensive tasks in multi-core systems." *International Journal of Information Technology* 14, no. 6, pp. 2793-2801, 2022. **[Scopus]**
7. Abhay Katiyar, Dinesh Singh, Rama Shankar Yadav, "State-of-the-art approach to clustering protocols in VANET- a survey" *Wireless Networks*, volume 26, number 7, 2020. **[SCI, IF: 3.0]**
8. Dinesh Singh, Ranvijay and R. S. Yadav, "IBMDA: Information Based Misbehavior Detection Algorithm for VANET", *Journal of High Speed Network*, 26(3), pp 185-207, 2020. **[ESCI, IF: 0.9]**
9. Dinesh Singh, Ranvijay and R. S. Yadav, "A state-of-art approach to misbehavior detection and revocation in VANET: survey", *Int. J. Ad Hoc and Ubiquitous Computing*, Vol. 28, No. 2, June 2018. **[SCI, IF: 0.7]**
10. Ashish K. Maurya, Ashish Kumar, and Dinesh Singh, "RWP Mobility Model Based Performance Evaluation of OLSR and LAR1 Routing Protocols in MANET," *International Journal of Computer Networks & Communications* 3, no. 6, p. 145, 2011. **[Scopus]**

11. Ashish K. Maurya, Dinesh Singh, "Simulation based Performance Comparison of AODV, FSR and ZRP Routing Protocols in MANET," International Journal of Computer Applications (0975-8887) Volume 12–No.2, November 2010.
12. Ashish K. Maurya, Dinesh Singh, and Ajeet Kumar, "Performance Comparison of DSR, OLSR and FSR Routing Protocols in MANET Using Random Waypoint Mobility Model," International Journal of Information and Electronics Engineering, Vol.3, No.5, September 2013.
13. Ashish K. Maurya, Dinesh Singh, "Median Predictor Based Data Compression Algorithm for Wireless Sensor Network," International Journal of Computer Applications (0975-8887) Volume 24–No.6, June 2011.

International Conferences: 11

1. Abhay Katiyar, Nikeet Kumar Keshari, Dinesh Singh, and Rama Shankar Yadav. "Location Based Routing in Multi-hop Clustering Based Network Structure of VANET." In 2022 IEEE 11th International Conference on Communication Systems and Network Technologies (CSNT), pp. 415-421. IEEE, 2022.
2. Niharika Keshari, Tejas Subhashchandra Gupta, and Dinesh Singh. "Particle Swarm Optimization based Task Offloading in Vehicular Edge Computing." In 2021 IEEE 18th India Council International Conference (INDICON), pp. 1-8. IEEE, 2021.
3. Abhay katiyar, Dinesh Singh, and R.S.Yadav, "A Dynamic Single-hop clustering Algorithm (DSCA) in VANET" 11th International Conference on Computing, Communication and Networking Technologies (ICCCNT), July 3, 2020, IIT Khargpur, India.
4. Utkarsh Garg, Sachin Agarwal, Shubham Gupta, Ravi Dutt, and Dinesh Singh. "Prediction of emotions from the audio speech signals using MFCC, MEL and Chroma." In 2020 12th International Conference on Computational Intelligence and Communication Networks (CICN), pp. 87-91. IEEE, 2020.
5. Harshit Kumar and Dinesh Singh. "Smart Certificate Revocation List Exchange in VANET." In 2020 12th International Conference on Computational Intelligence and Communication Networks (CICN), pp. 210-214. IEEE, 2020.
6. Ravi Pratap Singh and Dinesh Singh, "Trust based Congestion Control Algorithm in VANET", 2nd international Conference on Advanced Informatics for computing Research (ICAICR-2018), July 14-15, 2018, Shimla, India.
7. Dinesh Singh, Ranvijay and R. S. Yadav. "NWCA: A New Weighted Clustering Algorithm to form Stable Cluster in VANET." In Proceedings of the Second International Conference on Information and Communication Technology for Competitive Strategies, p. 20. ACM, 2016.

8. Alok Kumar, Dinesh Singh, Jay Ram Singh, Rupesh Kumar Dewang "Historical Feedback based Misbehaviour Detection (HFMD) Algorithm," 2016 2nd International Conference on Computational Intelligence and Networks (CINE), Bhubaneswar, 2016, Bhubaneswar, Odisha, India.
9. Jay Ram Singh, Dinesh Singh, Alok Kumar, Rupesh Kumar Dewang, "A Single-Hop Based Fast Certificate Revocation Protocol in VANET," 2016 2nd International Conference on Computational Intelligence and Networks (CINE), Bhubaneswar, 2016, Odisha, India.
10. Ashish k. Maurya, Dinesh Singh, Ajeet Kumar, Ritesh Maurya, "Random Waypoint Mobility Model based Performance Estimation of On-Demand Routing Protocols in MANET for CBR Applications," 2014 International Conference on Computing for Sustainable Global Development (INDIACom), IEEE, 2014.
11. Dinesh Singh, Ashish K. Maurya, Anil K. Sarje, "Comparative Performance Analysis of LANMAR, LAR1, DYMO and ZRP Routing Protocols in MANET using Random Waypoint Mobility Model," Electronics Computer Technology (ICECT), 2011 3rd International Conference on. Vol. 6. IEEE, 2011.

Book Chapter: 02

1. Dinesh Singh, Ashish Kumar Maurya, Rupesh Kumar Dewang, and Niharika Keshari, "A Review on Internet of Multimedia Things (IoMT) Routing Protocols and Quality of Service," In: Shukla et al. (eds.), Internet of Multimedia Things (IoMT): Techniques and Applications, Academic Press, Elsevier, Chapter 1, pp. 1-29, 2022. [ISBN: 978-0-323- 85845-8] <https://doi.org/10.1016/B978-0-32-385845-8.00006-X>
2. Ashish Kumar Maurya, and Dinesh Singh, "IoT Enabling Platforms," In: Wiley Editorial (Author), Internet of Things, An Indian Adaptation: Concepts and Applications. Wiley, Chapter 4, pp. 93-122, 2021. [ISBN: 9789354247842] [\[https://www.wileyindia.com/internet-of-things-an-indian-adaptation-concepts-andapplications.html\]](https://www.wileyindia.com/internet-of-things-an-indian-adaptation-concepts-andapplications.html)