

## LIST OF PUBLICATIONS

1. A. Malik, and B. Pandey, "Comparison of data mining techniques used in Vehicular Ad-hoc Networks." In Skillcon: National Conference on Management and Technology for Skill Developments, 2014.
2. A. Malik, and B. Pandey, "Performance analysis of various data collection schemes used in VANET." *Indian Journal of Science and Technology* 8, no. 15 (2015).
3. A. Malik, and B. Pandey, "An intelligent authentication based vehicle initiated broadcast-dynamic path data collection scheme in VANET." *Indian Journal of Science and Technology* 9, no. 16 (2016).
4. A. Malik, and B. Pandey, "Performance analysis of enhanced authentication scheme using re-key in VANET." In *Cloud System and Big Data Engineering (Confluence), 2016 6th International Conference*, pp. 591-596. IEEE, 2016.
5. A. Malik, B. Pandey, and A. Gul, "A Novel Congestion Control Scheme in VANET." In *Computer Communication, Networking and Internet Security*, pp. 595-602. Springer, Singapore, 2017.
6. A. Malik, and B. Pandey, "Asymmetric encryption based secure and efficient data gathering technique in VANET." In *Cloud Computing, Data Science & Engineering-Confluence, 2017 7th International Conference on*, pp. 369-372. IEEE, 2017.
7. A. Malik, and B. Pandey, "An Efficient and Reliable Data Gathering Protocol Based on RSU Identification." In *Advanced Informatics for Computing Research*, pp. 343-354. Springer, Singapore, 2017.
8. A. Malik, and B. Pandey, "CIAS: A Comprehensive Identity Authentication Scheme for Providing Security in VANET." *International Journal of Information Security and Privacy (IJISP)* 12, no. 1 (2018): pp. 29-41.
9. A. Malik, and B. Pandey, "Security Analysis of Discrete Event Based Threat Driven Authentication Approach in VANET using Petri Nets." *International Journal of Network Security (IJNS)* 20, no. 4 (2018): pp. 601-608.
10. A. Malik, B. Pandey, and C. C Wu, "A Secure Model to Generate Path Map for Vehicles in Unusual Road Incidents using Association Rule Based Mining in VANET." *Journal of Electronic Science and Technology* (Accepted).

11. A. Malik, and B. Pandey, "Security Vulnerabilities and Solutions in VANET: A Systematic Survey and Analysis." *Ad Hoc Networks* (Communicated).