

# Chapter 8

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# List of Publications

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## Journal Publications (Published)

- 1) **Chouksey, A.K.**, Kumar, B., Parida, M. *et al.* Heterogeneous road traffic noise modeling at mid-block sections of mid-sized city in India. *Environ Monit Assess* **195**, 1349 (2023). <https://doi.org/10.1007/s10661-023-11924-0>
- 2) **Chouksey, A.K.**; Kumar, B.; Parida, M.; Pandey, A.D.; Verma, G. Measurement and prediction of road traffic noise at different floor levels of buildings in a mid-sized Indian city. *J. Build. Eng.* 2024, 92, 109711. <https://doi.org/10.1016/j.jobbe.2024.109711>
- 3) Pandey, A.D., Kumar, B., Parida, M. *et al.* A machine learning-based overlay technique for improving the mechanism of road traffic prediction using global positioning system. *Innov. Infrastruct. Solut.* **9**, 300 (2024). <https://doi.org/10.1007/s41062-024-01622-2>
- 4) Pandey, A. D., Kumar, B., Parida, M., Mudgal, A., **Chouksey, A. K.**, & Mishra, R. (2025). Vehicle classification using accelerometer signals and machine-learning techniques. *Journal of Intelligent Transportation Systems*, 1–29. <https://doi.org/10.1080/15472450.2025.2497507>

## Conference Publications (Published)

- 1) **Chouksey, A.K.**, Kumar, B., Parida, M., Pandey, A.D. (2025). Applicability of CoRTN Model in Indian Road Traffic Condition. In: Sahu, P.K., Das, S., Manoj, M., Budhkar, A. (eds) Proceedings of the 7th International Conference of Transportation Research Group of India (CTRG 2023), Volume 2. CTRG 2023. Lecture Notes in Civil Engineering, vol 426. Springer, Singapore. [https://doi.org/10.1007/978-981-96-1037-2\\_30](https://doi.org/10.1007/978-981-96-1037-2_30)

- 2) Brind Kumar, Amarjeet Kumar Himanshu, **Ashish Kumar Chouksey**, Amar Deep Pandey, "Noise Emission Curves for Train in Arrival, In-front and Departure Mode," *SSRG International Journal of Civil Engineering*, vol. 12, no. 4, pp. 128-133, 2025.  
*Crossref*, <https://doi.org/10.14445/23488352/IJCE-V12I4P113>