

Book/ Book Chapters

1. Keloth Akhil Chowhan and **Darshana Othayoth** (2025). In-Vehicle Distraction in Novice Driver and Experienced Driver: A Comparative Study. In: Veeraragavan, A., Mathew, S., Ramakrishnan, P., Madhavan, H. (eds) Cognizant Transportation Systems: Challenges and Opportunities. IMPACTS 2023. Lecture Notes in Civil Engineering, vol 263. Springer, Singapore. https://doi.org/10.1007/978-981-97-7300-8_3
2. Abhinav Mishra, Mohan Rao and **Darshana Othayoth** (2024). A Review of Safety and Operational Impacts of Various Speed Limits. In: Singh, D., Maji, A., Karmarkar, O., Gupta, M., Velaga, N.R., Debbarma, S. (eds) Transportation Research. TPMDC 2022. Lecture Notes in Civil Engineering, vol 434. Springer, Singapore. https://doi.org/10.1007/978-981-99-6090-3_39
3. Remya K Padinjarapat, **Darshana Othayoth**, K.V. Krishna Rao, Tom V Mathew (2024). Effect of Land Use Pattern on Bus Blockage Duration at Curb Side Bus Stops. In: Singh, D., Maji, A., Karmarkar, O., Gupta, M., Velaga, N.R., Debbarma, S. (eds) Transportation Research. TPMDC 2022. Lecture Notes in Civil Engineering, vol 434. Springer, Singapore. https://doi.org/10.1007/978-981-99-6090-3_33
4. Aravindhan Thaninayagam, S. V. Raswanth Prasath, R. S. Hiruthick Roshan, **Darshana Othayoth** (2023). Collision Avoidance System using Reinforcement Learning. In: Sharma, H., Shrivastava, V., Bharti, K.K., Wang, L. (eds) Communication and Intelligent Systems. Lecture Notes in Networks and Systems, vol 686. Springer, Singapore. https://doi.org/10.1007/978-981-99-2100-3_39
5. Teena Roy, **Darshana Othayoth**, B.K. Bhavathrathan (2023). Age and Gender Differences in Motorized Two-Wheeler Safety Perceptions. In: Devi, L., Errampalli, M., Maji, A., Ramadurai, G. (eds) Proceedings of the Sixth International Conference of Transportation Research Group of India. CTRG 2021. Lecture Notes in Civil Engineering, vol 273. Springer, Singapore. https://doi.org/10.1007/978-981-19-4204-4_10
6. Rameshwar Metage and **Darshana Othayoth** (2023). User Perceived Service Quality of Indian Railway Platform Using Structural Equation Modeling and Importance-Performance Map Analysis: A Case Study of Tiruchirappalli Railway Junction. In: Anjaneyulu, M.V.L.R., Harikrishna, M., Arkatkar, S.S., Veeraragavan, A. (eds) Recent Advances in Transportation Systems Engineering and Management. Lecture Notes in Civil Engineering, vol 261. Springer, Singapore. https://doi.org/10.1007/978-981-19-2273-2_59