

- Venkateswarlu, K., Sree, B. and Subbarao, V. The Effect of Exhaust Gas Recirculation and Di-Tertiary Nonyl Peroxide on Diesel-Biodiesel Blends for Performance and Emission Studies. *International Journal of Advanced Science and Technology*, Vol. 54, 2013.
- Wang, J. and Rakha, H. Fuel consumption model for heavy duty diesel trucks: Model development and testing. *Transportation Research Part D: Transport and Environment*. Elsevier, Vol. 55, pp 127-141, 2017.
- Wang, J. & Rakha H. Fuel consumption model for conventional diesel buses. *Applied Energy*. Elsevier, Vol. 170, pp 394-402, 2016.
- Weng, J., Liang, Q., Qiao, G., Chen, Z. and Rong, J. Taxi fuel consumption and emissions estimation model based on the reconstruction of driving trajectory. *Advances in mechanical engineering*, Vol. 9, no. 7, pp 1-12, 2017.

Biographies

Jenny Díaz Ramírez is currently a professor of the Department of Engineering at the University of Monterrey. She has worked previously as a professor at Tecnológico de Monterrey, Mexico and Pontificia Universidad Javeriana Cali, Colombia. She is industrial engineering from Universidad del Valle, Colombia. She holds an MSc in industrial engineering from Universidad de los Andes, Bogota, Colombia, an MSc in operations research from Georgia Tech, US and the PhD in Industrial Engineering from Tecnológico de Monterrey. She is a member of the National System of Researchers of CONACYT, SNI Level I, since 2015 and recognized as an associated researcher by Colciencias, since 2016. She is the author and co-author of scientific articles on topics such as applied optimization and statistics in health systems, air quality, energy efficiency in transport and logistics.

Laura Armendáriz Santinelli is an industrial engineer from the University of Monterrey. She had an academic international experience of six months at Universität Konstanz, Konstanz, Germany in 2016. Currently, she works at British American Tobacco as a Tier 2 Logistics Analyst.

María Fernanda Salcedo Junco is an industrial engineer from the University of Monterrey. She was a member of the winner team in the Lean Challenge –an interuniversity Mexican competition–, with the project “Creating a continuous stream in the Windpitch production line at the GE Energy plant.

David Castaños Güitrón is an industrial engineering from the University of Monterrey. He currently works at Maravela in Monterrey.