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List of Publications

- Vivekanand Kumar, S. K. Palei, N. C. Karmakar, D. K. Chaudhary (2021). Whole-Body Vibration Exposure vis-à-vis Musculoskeletal Health Risk of Dumper Operators Compared to a Control Group in Coal Mines. *Safety and Health at Work*, https://doi:10.1016/j.shaw.2021.10.007.

- D. K. Chaudhary, S. K. Palei, Vivekanand Kumar, N. C. Karmakar (2020). Whole-Body Vibration Exposure of Heavy Earthmoving Machinery Operators in Surface Coal Mines: A Comparative Assessment of Transport and Non-Transport Earthmoving Equipment Operators, *International Journal of Occupational Safety and Ergonomics*, https://doi.org/10.1080/10803548.2020.1785154.

- M. K. Atal, S. K. Palei, D. K. Chaudhary, Vivekanand Kumar, N. C. Karmakar (2020) Occupational Exposure of Dumper Operators to Whole-body Vibration in Opencast Coal Mines – An Approach for Risk Assessment using Bayesian Network, *International Journal of Occupational Safety and Ergonomics*, https://doi.org/10.1080/10803548.2020.1828551.

- Vivekanand Kumar, S. K. Palei, N. C. Karmakar (2020). Investigation on Whole-body Vibration Exposure of various Heavy Earth Moving Machinery Operators in Opencast Coal Mines, *Journal of Critical Review*, vol.7, issue 10, pp. 403-411.

- Vivekanand Kumar, N. K. Gupta, S. K. Palei & N. C. Karmakar (2017). Whole body vibration and its impact on dumper operators in coal mines. 13th International Conference on Vibration Problems, Indian Institute of Technology Guwahati, India.

- D. K. Chaudhary, Vivekanand Kumar, M. K. Atal, S. K. Palei and N. C. Karmakar (2018). A study on whole-body vibration exposure of heavy earth moving machineries operators in a coal mine. National conference on mine environment techniques, equipments and challenges, MBM Engineering college JNV university, Jodhpur, India.

- D. K. Chaudhary, S. K. Palei, Vivekanand Kumar and N. C. Karmakar (2019). Assessment of Health Risk due to Whole-body Vibration Exposure Experienced by HEMM Operators in a Surface Coal Mine, Nat. conf. on Recent Advances in Mining Technology (RAMT) 2019 held at Bangalore during 23 - 24 May 2019.

- Singh KJ, Palei SK, Karmakar NC, Kumar V, Kumar A, Gupta S. (2021) Postural Risk Assessment of Mine Equipment Operators Using Rapid Upper Limb Assessment. International Conference On Opencast Mining Technology & Sustainability, held at NCL, Singrauli during 13-14 December 2021.