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LIST OF PUBLICATIONS

Journal Articles

1. **Ram, A.K.**, and Mohanty, S., 2021. Experimental investigation on dynamic behavior of silt-rich fly ash using cyclic triaxial and bender element tests. **Innovative Infrastructure Solutions**, 6(4), pp.1-24. DOI: <https://doi.org/10.1007/s41062-021-00582-1>.
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Conference Proceedings

1. **Ram, A.K.**, and Mohanty, S., 2018. Behavior of Sheet Pile Wall with Pond Ash as Backfill Material Under Seismic Condition. Proceeding of the 16th Symposium on Earthquake Engineering, 20-22 December, 2018 at IIT Roorkee (U.K), India.
2. **Ram, A.K.**, and Mohanty, S., 2019. A Critical Review on Application of Mining Waste in Construction Activities. Proceeding of the 2nd International Conference on Opencast Mining Technology and Sustainability, 13-14 December 2019, Northern Coalfield Field Limited, Singrauli (M.P), India.
3. **Ram, A.K.**, and Mohanty, S., 2017, October. "Numerical Analysis of Sheet Pile Wall with Pond Ash as Backfill Material". In Workshop on sustainable geotechnics IGS Kanpur (pp. 13-14).

Lecture Note

1. **Ram, A.K.**, and Mohanty, S. (2021). Seismic Analysis of Soil-Pile-Structure System in Stratified Ash-Soil Deposit. In: Sitharam, T., Palapati, R.R., Kolathayar, S. (eds) Seismic Design and Performance. Lecture Notes in Civil Engineering, vol 120. Springer, Singapore. https://doi.org/10.1007/978-981-33-4005-3_25.
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