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LIST OF PUBLICATIONS

1. **M. Nishant**, and S. Kumar. 2024. “Sustainable Use of Recycled Waste Plastic Material for Improvement of Granular Column Foundation in Soft Soil– Experimental and Numerical Investigations.” *International Journal of Geosynthetics and Ground Engineering*, 10 (3): 52.
<https://doi.org/10.1007/s40891-024-00562-2>.
2. **M. Nishant**, and S. Kumar. 2025. “Behavior of an embankment on soft clay deposit supported by granular columns under the action of staged cyclic loading.” *Constr Build Mater*, 472: 140899.
<https://doi.org/10.1016/j.conbuildmat.2025.140899>.
3. Pradeep, N. M., S. Kumar, S. Gupta, and **M. Nishant**. 2024. “Behavior of group of geosynthetic encased granular piles with tire chips- aggregates mixture under static and cyclic loading – A model study.” *Constr Build Mater*, 431 (May): 136507. <https://doi.org/10.1016/j.conbuildmat.2024.136507>.
4. Gupta, S., S. Kumar, N. M. Pradeep, and **M. Nishant**. 2025. “Behavior of an Embankment on Soft Ground Improved with Soil–Geopolymer Deep Mix Columns under Static and Cyclic Loadings.” *International Journal of Geomechanics*, 25 (2): 1–17. <https://doi.org/10.1061/IJGNAI.GMENG-10587>.
5. Gupta, S., S. Kumar, N. M. Pradeep, and **M. Nishant**. 2025. “Performance analysis of soil-geopolymer deep mix column in soft soil under static and cyclic loading.” *Soil Dynamics and Earthquake Engineering*, 194. Elsevier Ltd.
<https://doi.org/10.1016/j.soildyn.2025.109368>.
6. Pradeep, N. M., S. Kumar, S. Gupta, and **M. Nishant**. 2025. “Experimental determination of optimum tire chips-aggregates mixture in combi-grid encased

granular piles in soft soil under cyclic loading.” *Soil Dynamics and Earthquake Engineering*, 198: 109598. <https://doi.org/10.1016/j.soildyn.2025.109598>.