Publications in Journals, Conferences & Books

Refereed Journals Publications

- 1. Shivhare, A. & Venkatesh, K (2023) "Seepage Analysis and Modeling of Earthen Dam", Journal of Natl. Acad. Sci. Lett, https://doi.org/10.1007/s40009-023-01349-1 (SCI & Scopus Indexed)
- 2. Mall, N & Venkatesh, K (2023), "Soil Stabilization using Bio Enzyme", Journal of Natl. Acad. Sci. Lett, https://doi.org/10.1007/s40009-023-01338-4(SCI & Scopus Indexed)
- 3. Chauhan, S S & Venkatesh, K (2023), "Stabilizing Clayey Soil in Subgrade with Waste Ash", Journal of Natl. Acad. Sci. Lett, https://doi.org/10.1007/s40009-023-01298-9 (SCI & Scopus Indexed)
- 4. Pandey, N K, Venkatesh, K. & Pandey H.K. (2023), "Numerical Modeling and Analysis of Rock Slope in Markundi Hills, Sonbhadra", Indian Geotechnical Journal https://doi.org/10.1007/s40098-023-00730-7 (ESCI & Scopus Indexed).
- 5. Chauhan, S S & Venkatesh, K (2023), "Stabilizing expansive clayey soil in subgrade with industrial waste ash : A review", (Accepted for Publication in Indian Journal of Environmental Protection (Scopus Indexed).
- 6. Mishra, A., Venkatesh, K. & Karumanchi, S.R. (2023), "3D Numerical Analysis of Single Pile and Pile–Raft Subjected to Vertical Loading", Indian Geotechnical Journal, https://doi.org/10.1007/s40098-022-00707-y (Scopus Indexed)
- Venkatesh, K. & Bind, Y.K. (2022) "ANN and Neuro-Fuzzy Modeling for Shear Strength Characterization of Soils", Journal of Proc. Natl. Acad. Sci., Sect. A Phys. Sci. Springer, https://doi.org/10.1007/s40010-020-00709-6,vol 92(2), pages 243-249 (SCI & Scopus Indexed).
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- 11. Naresh B., Venkatesh K., Mishra L.K. (2021) The Seismotectonic Setting of Indo-Gangetic Plain and Its Importance. Seismic Hazards and Risk, vol 116. Springer, Singapore. https://doi.org/10.1007/978-981-15-9976-7_18 (Scopus Indexed)
- 12. Quaff, A.R. Venkatesh, S. and Venkatesh, K. (2020) "Degradation of Azo Dye by Ozone Oxidation: Cost Analysis and Buffering Effects on Dye Decomposition", Journal of Proc. Natl. Acad. Sci. Lett, DOI 10.1007/s40009-020-01008-9. (SCI Indexed)
- 13. Naresh, B. Venkatesh, K. & Mishra, L.K. (2019) "Q factor of Punjab Basin" International Journal of Scientific Research and Review, 7:9, 111-118.
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- 24. Venkatesh, S. Quaff, A.R. Pandey, N.D. and Venkatesh, K. (2014) Decolorization and mineralization of C.I. direct red 28 azo dye by ozonation" International Journal of Desalination and Water Treatment, https://doi.org/10.1080/19443994.2014.992047, Vol57(9), pp 4135-4145. (SCI & Scopus)
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- Shivhare, A. & Venkatesh, K. (2022) "Modeling and Analysis of Earthen Dam Seepage Using GeoStudio(Seep/w): A state-of-the-art review", Proceedings of National Conference on Advancement in Geotechnical Engineering and Infrastructural Developments (AGE-ID-2022), November 19-20, 2022, Indian Geotechnical Society, Jabalpur.
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- 9. Mani, A. & Venkatesh, K. (2019) "Stability Assessment of Road Embankment Slope by Finite Element Method" International Conference on Geotechnics for High Speed Corridors, 25th and 26th July 2019, Thiruvananthapuram, India, pp-235-239.
- 10. Gautam, A. Venkatesh, K. & Kumar,S. (2019), "Consolidation of Sequential Construction of Embankment Using Non-Homogeneous Soil Stratum" International Conference on Geotechnics for High Speed Corridors, 25th and 26th July 2019, Thiruvananthapuram, India, pp-508-511.
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- 12. Gautam U.K., Venkatesh K., & Kumar V. (2019) "Analysis of Slope Stability with Surcharge" Indian Conference on Geotechnical and Geo-Environmental Engineering (ICGGE-2019), ISBN 978-93-80634-47-0, Page 14, 1-2 March 2019, MNNIT Allahabad.
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- 15. Sinha S., & Venkatesh K. (2019) "Rock Slope Stability Analysis Methods A Review" Indian Conference on Geotechnical and Geo-Environmental Engineering (ICGGE-2019), ISBN 978-93-80634-47-0, Page 16, 1-2 March 2019, MNNIT Allahabad.

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