

MUJEEB UL REHMAN

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EDUCATION

Doctor of Philosophy <i>Civil Engineering (Geotechnical engineering)</i> CGPA: 9.48/10 Indian Institute of Technology, Madras	July 2022 – Present Tamil Nadu, India
Master of Technology <i>Civil Engineering (Geotechnical engineering)</i> CGPA: 9.87/10 Indian Institute of Engineering Science & Technology, Shibpur	June 2020 – July 2022 West Bengal, India
Bachelor of Technology <i>Civil Engineering</i> CGPA: 9.12/10 Islamic University of Science and Technology, Awantipora	July 2016 – Aug. 2020 Jammu & Kashmir, India

ACHIEVEMENTS

- Selected for the International Internship Experience (IIE) Program (7th cycle).
- Recipient of the PMRF Scholarship for the Ph.D. program at IIT Madras.
- Medalist – Ranked First in the Master of Technology in Civil Engineering, IEST Shibpur.
- Qualified GATE 2020, organized by IIT Delhi, with a score of 551 (96.11 percentile).

JOURNAL PUBLICATIONS

- **Rehman, M.U.**, Kandasami, R.K., and Banerjee, S., "Simplified approach for liquefaction assessment in granular soils: Integrating bulk and grain properties." *Granular Matter*, Springer (2024). (Accepted)
- Bhat, M., Paul, Z., Rather, S.A., and **Rehman, M.U.**, "An Experimental Study on the Mechanical and Thermal Behaviour of Composite Concrete-based Hammam." *Journal of The Institution of Engineers (India): Series A* (2023). <https://doi.org/10.1007/s40030-023-00755-4>
- Bhat, M., **Rehman, M.U.**, Shafi, I., et al., "The Effect of Polypropylene and Steel Fibers on the Properties of Concrete at Normal and Elevated Temperatures—A Review." *Iranian Journal of Science and Technology, Transactions of Civil Engineering*, 46, 1805–1823 (2022). <https://doi.org/10.1007/s40996-021-00751-3>
- Siddalingeshwar, D.H., and **Rehman, M.U.**, "Comparative Study on Stabilized Black Cotton Soil." *International Journal of Latest Engineering and Management Research*, 05(06), 46-52 (2020).
- Bhat, M., Thakur, M.M., and **Rehman, M.U.**, "Evaluation of Liquefaction Potential of Soils—A Review." *International Journal of Emerging Technologies and Innovative Research*, 05(12), 942-943 (2018). <http://doi.org/10.1729/Journal.25199>

CONFERENCE PUBLICATIONS AND BOOK CHAPTERS

- **Wani, S.**, **Rehman, M.U.**, M. S. Rao, R. K. Kandasami, and S. Banerjee, "Hypoplastic Model Predictions for Ennore Sand Under Monotonic and Cyclic Loading Conditions." *58th U.S. Rock Mechanics/Geomechanics Symposium*, Golden, Colorado, USA, June 2024. <https://doi.org/10.56952/ARMA-2024-1204>.
- **Rehman, M.U.**, Kundu, S., and Bhattacharjee, D., "Numerical Analysis on the Stability of Upstream Mine Tailings Dam under Seismic Loading." *Indian Geotechnical Conference*, 2022, Volume 7.

SKILLS

Technical Software: PLAXIS 2D, PLAXIS 3D, GeoStudio, MATLAB, AutoCAD, PFC 2D/3D

Document Creation: Microsoft Office Suite, MathType, Origin Pro, Inkspace, L^AT_EX