



International Journals (With Impact Factor)

1. **Naga Dheeraj Kumar Reddy Chukka**, P. Gomathi Nagajothi, L. Natrayan, Yeddula Bharath Simha Reddy, Dhinakaran Veeman, Pravin P. Patil and Subash Thanappan (2022). Investigation on efficient removal of fluoride from ground water using activated carbon adsorbents, *Adsorption Science & Technology*, Volume 2022, Article ID 7948069, 9 pages. [Science citation index expanded, Impact factor = 4.4]. <https://doi.org/10.1155/2022/7948069>
2. Natrayan L, Angalaeswari S, Kaliappan S, **Naga Dheeraj Kumar Reddy C**, Sivaprakash V, Pravin P Patil, Murugan P (2022). Reduction of 1/F noise in Single-Walled Carbon Nanotubes (SWCNT) using gas adsorption technique, *Adsorption Science & Technology*, Volume 2022, Article ID 3244702, 10 pages. [Science citation index expanded, Impact factor = 4.4]. <https://doi.org/10.1155/2022/3244702>
3. **Naga Dheeraj Kumar Reddy Chukka**, Arivumangai A, Sanjeev Kumar, Subashchandrabose R, Yeddula Bharath Simha Reddy, Natrayan L, and Geleta Chala Debela (2022). Environmental impact and carbon footprint assessment of sustainable buildings: an experimental investigation, *Adsorption Science & Technology*, Volume 2022, Article ID 8130180, 8 pages. [Science citation index expanded, Impact factor = 4.4]. <https://doi.org/10.1155/2022/8130180>
4. **Naga Dheeraj Kumar Reddy Chukka**, Sudharsan B, Vasugi K, Yeddula Bharath Simha reddy, Natrayan L (2022). Experimental testing on mechanical, durability and adsorption dispersion properties of concrete with multi walled carbon nanotubes and silica fumes, *Adsorption Science & Technology*, Volume 2022, Article ID 4347753, 13 pages. [Science citation index expanded, Impact factor = 4.4]. <https://doi.org/10.1155/2022/4347753>
5. Praburanganathan S, Sudharsan N, Yeddula Bharath Simha reddy, **Chukka Naga Dheeraj Kumar Reddy**, Natrayan L, Prabhu Paramasivam (2022). Force-deformation study on glass fiber reinforced concrete slab incorporating waste paper, *Advances in Civil Engineering*, Volume 2022, Article ID 5343128, 10 pages. [Science citation index expanded, Impact factor = 1.92]. <https://doi.org/10.1155/2022/5343128>
6. **Naga Dheeraj Kumar Reddy Chukka**, L. Natrayan, Wubishet Degife Mammo (2021). Seismic fragility and life cycle cost analysis of reinforced concrete structures with a hybrid damper. *Advances in Civil Engineering*, Volume 2021, Article ID 4195161, 17 pages. [Science citation index expanded, Impact factor = 1.92]. <https://doi.org/10.1155/2021/4195161>

International Journals (Scopus)

1. **Gnananandarao, T.**, Dutta, R., Khatri, V., & Kumar, M. (2022). Soft Computing Based Prediction of Unconfined Compressive Strength of Fly Ash Stabilised Organic Clay. *Journal of Soft Computing in Civil Engineering*, 6(4), 43-58. doi: 10.22115/scce.2022.339698.1429
2. Onyelowe, K.C., **Gnananandarao, T.** & Nwa-David, C. Sensitivity analysis and prediction of erodibility of treated unsaturated soil modified with nanostructured fines of quarry dust using novel artificial neural network. *Nanotechnol. Environ. Eng.* **6**, 37 (2021).

<https://doi.org/10.1007/s41204-021-00131-2>

3. Kennedy C. Onyelowe, Tammineni Gnanaanandarao, Ahmed M. Ebid, Estimation of the erodibility of treated unsaturated lateritic soil using support vector machine-polynomial and -radial basis function and random forest regression techniques, *Cleaner Materials*, 3, 2022, 100039, <https://doi.org/10.1016/j.clema.2021.100039>.