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LIST OF PUBLICATIONS:

1. Babithesh Babu, **Gajendran, C.**, and Shahul Hameed A., (2015) “**Appraisal of Groundwater Quality for Drinking and Irrigation Purposes in Nambiyar Basin, Tamil Nadu, India**” Water Resources, Springer, Volume 42, No.4, pp.553 – 562. (Scopus Indexed) (UGC approved- 32832) ISSN: 00978078, eISSN: 1608344X
2. **Gajendran, C.**, Serin, VK., Seenu, SG., Swati, P (2015) “**Different Methods of Accident Forecast Based on Real Data**”, Journal of Civil and Environmental Engineering, Volume 5, Issue 4. Pg. 1- 4. ISSN: 2165-784X, DOI: 10.4172/2165- 784X.1000180
3. Divya .T., **Gajendran, C.**, Sriviknesh, M., Rajeshkumar, S., and Radakrishnan, R., (2016) “*Assessment of Traffic Density and Pollution in Arterial Roads of Coimbatore City*”, International Journal of Applied Engineering and Research. Vol. 11 No.3. pp. 283-289. (Scopus Indexed) ISSN:2278-0181
4. Pravin, S.S., **Gajendran, C.**, and Divya, T., (2016) “*Review paper – A Study on Application of WEAP on Urban Water Management – Coimbatore City*” International Journal of Applied Engineering and Research, Vol. 11 No.3. pp. 290-300. (Scopus Indexed) ISSN:2278-0181.
5. Sreejith P P, Sivan P P, A Praveen, **C Gajendran**, Nisha V (2016) “**Simplified Method For Shear Strength Prediction Of Confined Masonry Walls Subjected To In Plane Loads**” Elsevier Procedia Technology 24 pp.155 – 160. (Scopus Indexed) SSN: 2212-0173 <https://doi.org/10.1016/j.protcy.2016.05.022>

6. N.K. Babithesh Babu A. Shahul HameedA. and **C. Gajendran.**, (2016) “**Seasonal variations of physiochemical characteristics of groundwater quality from Nambiyar River basin, Tirunelveli district, Tamil Nadu, India**”, International Journal of Earth Sciences and Engineering, Vol. 9(6): pp.2403-2408. (Scopus Indexed). ISSN:0974-5904.
7. Sivan Parameswaran , **Gajendran. C .**, and A. Praveen (2018) “**A fuzzy based approach for improving seismic safety of masonry building in Kerala context**”, International Journal of Civil Engineering and Technology Vol. 9(12) pp.1053- 1061. (Scopus Indexed) ISSN:0976-6308 e-ISSN:0976-6316
8. Aishwarya, **Chellaiah Gajendran**, and Mosae Selvakumar, P. (2018) “**A review of Nano particle application in water treatment**”, International Journal of Civil Engineering and Technology Volume 9, Issue 5, May 2018, pp. 381-387. (Scopus Indexed) ISSN:0976-6308 e-ISSN:0976-6316
9. Jeirish Daniel. J, **Gajendran. C**, and Jeyapriya, (2019) “**Green Synthesis of Nanoparticles and their Application in Treating Leachate of Municipal Solid Waste Landfills-A Review**”, International Journal of Civil Engineering and Technology, Volume 10, Issue 02, pp. 603–611(Scopus Indexed) ISSN:0976-6308 e-ISSN:0976-6316.
10. P. P. Sivan, A. Praveen and **C. Gajendran**, (2019) “**Cognitive Issues Observed in the Adoption of Guidelines for Earthquake Resistant Masonry Construction**”, Current Science , Volume. 117, No. 4, 25.
11. Daniel Biju Eazon, **Gajendran Chellaiah**, (2020) “**Ecotoxicity of Microplastics in Freshwater Biota**” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-3, January 2020DOI: 10.35940/ijitee.C8582.019320
12. Basker Rengarajan, **Gajendran C** (2020) “**Spatial Modeling of Water Quality in South Asian Semiarid Region**” Test Engineering and Management, Voulme. 83: pp.2276-2281

13. Dhasarathan Rajendran, **Gajendran C** (2020)“**Spatial Drought Assessment Using Geospatial Techniques In A Semi Arid Region**” Journal of Advanced Science, Voume, 29(6) pp.5242-5249