

Publication Details - Last Five Years

- 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 2020 DOI: 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, Volume. 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, Volume, 29(6) pp.5242-5249

BOOK CHAPTERS:

1. **Title of the Book:** The abstract book PROCEEDINGS of Joint International Conference on Environmental Science and Climate Change (JICESCC2K16) with ISBN: 978-93-5268-006-1. Editor : **C. Gajendran**
2. **Title of the Book:** GIS and Geostatistical Techniques for Groundwater Science , **Title of the Chapter:** Intelligent Prediction Modeling of Water Quality Using Artificial Neural Networking: Nambiyar River Basin, Tamil Nadu, India. **C. Gajendran**, K. Srinivasamoorthy and P. Thamarai. Publisher : **Elsevier**, pp. 153-163 ISBN: 978-0-12-815413-7.