

Journals

- [1] V. Jayakumar, S. Govindaradjane, M. Rajasimman, Efficient adsorptive removal of Zinc by green marine macro alga *Caulerpa scalpelliformis* – Characterization, Optimization, Modelling, Isotherm, Kinetic, Thermodynamic, Desorption and Regeneration Studies. *Surfaces and Interfaces*, Elsevier 22, 2021
- [2] V. Jayakumar, S. Govindaradjane, M. Rajasimman, Sustainable removal of cadmium from contaminated water using green algae – optimization, characterization and modelling studies, *Environmental Research*, 199, 2021.
- [3] V. Jayakumar, S. Govindaradjane, N. Rajamohan, M. Rajasimman, Biosorption potential of brown algae, *Sargassum polycystum*, for the removal of toxic metals, cadmium and zinc, *Environmental Science and Pollution Research*, 1–14, 2021
- [4] S. Ashok Kumar, K. Subathra, G. Srinivasan, S. Jayaraman, S. Govindaradjane, Impact of Tween-80 and Deep Eutectic Solvent-Based Micellar-Enhanced Ultrafiltration in Dairy Wastewater Treatment *Chemical Engineering & Technology* 44 (5), 913–922, 2021.
- [5] S. Govindaradjane, T. Sundararajan, S. Pradeepkumar, Studies on Bioleaching and recovery of metals from printed circuit boards using *Thiobacillus novellus* bacteria, *International solid waste association (ISWA)*, 2021
- [6] Ashok Kumar S, Srinivasan G, Govindaradjane S, Development of a new Blended Polyether Sulfone membrane for dye removal from synthetic wastewater, *Environmental Nanotechnology, Monitoring and Management*, 12, 2019

[7] V Jayakumar, S Govindaradjane, M Rajasimman, Isotherm and kinetic modeling of sorption of cadmium onto a novel red algal sorbent, *Hypnea musciformis*, *Modeling Earth Systems and Environment*, Springer International Publishing, 5, issue 3, Pages 793 to 803, 2019

[8] S.Pradeep Kumar, S Govindaradjane, T Sundararajan, Recovery of copper from printed circuit boards through electrolytic processâ€”A case study, *International Journal of Engineering Research and Applications (IJERA)* 3, 2013

[9] S.Pradeep Kumar, S Govindaradjane, T Sundararajan, Management Strategies for Various E-Waste Generators in Puducherry Region-A Case Study, *International Journal of Emerging Technology and Advanced Engineering* 3 (1), 2013

[10] S.Govindaradjane, T.Sundararajan, Performance and kinetics of a HUASB Reactor for treating tapioca-based starch industrial waste stream, *international Journal of Engineering and advanced Technology (TM)*, 2(4): April 30, 2013

[11] S.Govindaradjane, T.Sundararajan, Influence of organic loading rate and hydraulic retention time on the performance of HUASB and UASB reactors for treating tapioca-based starch industrial waste stream: A comparison, *International Journal of Engineering Research & Technology (IJERT)*, 2(3): March 2013.

[12] S.Govindaradjane, T.Sundararajan, S.Sivamurthi Reddy and V.Arutchelvan, Startup characteristics of HUASB and UASB Reactors for treating tapioca-based starch industrial waste stream: A comparison. *Pollution research*. 29(1):99-104, 2010.

- [13] S.Govindaradjane, T.Sundararajan, M.A.Sivasankaran and V.Nerhru Kumar Performance study of a HUASB reactor for treating tapioca based industrial waste stream: Pollution Research. 29 (1):105–110, 2010.
- [14] S.Govindaradjane, T.Sundararajan, S.Sivamurthi Reddy, and M.A.Sivasankaran “Physico Chemical Characteristics of Effluent from a Pharmaceutical Industry”, Pollution Research. 26(1); 131–133, 2007
- [15] S.Govindaradjane, R.Jeevagan, T.Sundararajan, M.A.Sivasankaran “Effect of Inoculums–Substrate Ratio on The acclimatization of Pharmaceutical Effluent in an anaerobic Batch reactor”, Pollution Research 26(10); 125–129, 2007.
- [16] S.Govindaradjane, S.Sivamurthi Reddy, T.Sundararajan and M.A.Sivasankaran “The Study on Arsenic Concentration in groundwater of Pondicherry Region”, Pollution research 26(1); 99–102, 2007
- [17] M.A.Sivasankaran, S.Sivamurthi Reddy, S.Govindaradjane and R.Ramesh”, Organo Chlorine Residuals in groundwater of Pondicherry Region”, Journal of Environmental, Science & Engg., Vol 49, No:1, Page 7–12, 2007.
- [18] S.Sivamurthi Reddy, D.Senthilnathan, S.Govindaradjane, et.al, Iron Contamination in Groundwater of Pondicherry Region, India”, Indian Journal of Geochemistry Vol22(2),P–247–256, 2007.

Conferences

International Conference:

- [1] S.Pradeepkumar, S.Govindarajane and T.Sundararajan, Studies on Bioleaching and recovery of metals from printed circuit boards using Thiobacillus novellus bacteria, International solid waste association (ISWA), September 2021.
- [2] S.Pradeepkumar, S.Govindarajane and T.Sundararajan, Studies on Bioleaching and Recovery of Metals from Printed Circuit Boards using Acidiphilium acidophilum bacteria, Waste Management Technology, Trend & Developments by Matcorr Publications, 2021.
- [3] S.Pradeepkumar, S.Govindarajane and T.Sundararajan, Studies on Bioleaching and Recovery of Metals from Printed Circuit Boards using Acidophile and Alkaliphile Bacteria, Sustainable Biowaste Management 2020 (SBM2020) by Hong Kong Baptist University, 2021.
- [4] S.Ashok Kumar, G. Srinivasan, S. Govindaradjane, A novel synergistic effect of TiO₂ and ZnO incorporation in PES based thin film nanocomposite nanofiltration membrane for treatment of textile wastewater, International Conference on Sustainable Technologies for Water Treatment and Desalination, NIT Calicut, 2020.
- [5] S. Ashok Kumar, G. Srinivasan, S. Govindaradjane, Polyethersulfone based thin film nanocomposite nanofiltration membrane incorporation with ZnO nanoparticles for treatment of common effluent wastewater (CETP) from various textile industries, International Conference on Green Energy for Environmental Sustainability (ICGEES-2020), 2020
- [6] S. Ashok Kumar, G. Srinivasan, S. Govindaradjane, Studies on Micellar Enhanced Ultrafiltration using PES membrane for the treatment of dairy effluent, International Conference on Green Energy for Environmental Sustainability (ICGEES-2020), 2020.

[7] K.Srinivasan, S.Govindaradjane, S.Pradeepkumar, "The effect of road traffic noise pollution using noise indices in India: A brief review", at 2nd International Conference on Environment and Ecology ICEE 2016 in Bharathiyar University, Coimbatore, In association with International Foundation for Environment and Ecology, Kolkata and Collaborated with Confederation of Indian University, New Delhi, was held on 7-8-9 March 2016.

[8] K.Srinivasan, S.Govindaradjane, S.Pradeepkumar, "Characterization and analysis of ambient noise level in Puducherry town, India", International Conference on Advances in Civil Engineering and Sustainable Construction "ACESC" 16 held from 30th March " 1st April 2016. Organized by Department of Civil Engineering, SRM University, Ramapuram Campus, Chennai 89.

[9] S.Pradeepkumar, S.Govindaradjane, T.Sundararajan, "Parameters influencing bioleaching of metals from E-waste: A Review" at International Conference on Emerging and Sustainable Technologies for Infrastructure System (ESTIS 2016) held from 22nd " 23rd April 2016. Organized by Department of Civil Engineering, Amrita Vishwa Vidyapeetham, Coimbatore-641112.

[10] S.Pradeep Kumar and S.Govindaradjane, "Performance study of a HUASB reactor for treating the dairy wastewater", presented in International conference on Advances in mechanical, manufacturing and building sciences, 9th -11th January, 2012 at VIT, Vellore.

[11] D.Sandanasamy, S.Govindaradjane, Environmental friendly solar Assisted Cooling System in Green Building: An overview in International Conference on Advance in Engineering and Technology (ICAET-2011) - E.G.S. Pillay Engineering College, Nagapattinam.

[12] D.Sandanasamy, S.Govindaradjane, T.Sundararajan, "Design of a Green Building Envelope by Trade-Off Method-An Overview and A case study" in the International Conference on Emerging Green Technologies-2011 held at Periyar Maniammai University, Tamilnadu.

[13] D.Sandanasamy, S.Govindaradjane, "Energy Efficient materials: Route to sustainability in green building" presented in International Conference on Green Technology and Environmental Conservation, 15th " 17th Dec 2011 at Sathiyabama University, Chennai.

[14] D.Sandanasamy, S.Govindaradjane, "Bio mass Energy: Bridging Sustainability in green building", presented in international conference on Advances in Engineering and Technology, 28 & 29th Mar 2012 at EGS Pillai Engineering College, Nagapattinam.

[15] D.Sandanasamy , S.Govindaradjane, "Sustainable Rural Development: An approach to green building concept", presented in International conference on Advance in Engineering and Technology on 28 & 29th Mar 2012 at EGS Pillai Engineering College, Nagapattinam.

[16] S.Pradeep Kumar and S.Govindaradjane, "E-Waste management strategies for IT-Industries in Puducherry region", presented in International conference on renewable energy utilization, 4th -6th January-2012, CIT, at Coimbatore.

National:

[1] S. Ashok Kumar, G. Srinivasan, S. Govindaradjane, Development of a new Blended Polyether Sulfone membrane for dye removal from synthetic wastewater, National Conference on Recent trends in

Architecture & Civil Engineering towards Energy Efficient and Sustainable Architecture (NCACESSD 2019), 2019

[2] S. Ashok Kumar, G. Srinivasan, S. Govindaradjane, Fabrication & Characterization of NF membrane – a review, National Conference on Recent trends in Architecture & Civil Engineering towards Energy Efficient and Sustainable Architecture (NCACESSD 2019), 2019

[3] S. Ashok Kumar, G. Srinivasan, S. Govindaradjane, A review on low-cost adsorbents for the wastewater treatment and its applications, National Conference on Recent trends in Architecture & Civil Engineering towards Energy Efficient and Sustainable Architecture (NCACESSD 2019), 2019.

[4] K.Srinivasan, S.Govindaradjane, S.Pradeepkumar, –A study on the influence of Deepavali festival level in Puducherry town, India–, at National Conference on –Sustainable Modern Advances in Research and Technology (SMART-2016) in Dr.Paul’s Engineering College held on 23rd – 24th March 2016.

[5] S.Pradeepkumar, S.Govindarajane, T.Sundararajan, –Physical parameters influencing bioleaching of metals from E-waste: A Review– at National Conference on Energy and Environment (NCEE 2016), held from 16th to 17th September 2016, Jointly Organized by Indian Institute of Technology Madras (IITM) and The Coimbatore District Small Industries Association (CODISSIA) at CODISSIA trade fair complex, Coimbatore.

[6] S.Pradeepkumar, S.Govindarajane, T.Sundararajan, –A comparative study on E-waste management practices in developed and developing countries–, at National Conference on Hydraulics, Water Resources, Coastal and Environmental Engineering (HYWACE 2016), held on 6th October 2016, organized by Department of Civil

Engineering, Pondicherry Engineering College, Puducherry and funded by TEQIP-II.

[7] D.Sandanasamy, S.Govindaradjane, "Tools for the Assessment of Energy Efficiency Lighting System in Green Buildings: At National conference on Advances in Materials and Structures, AMAS 2011, Pondicherry Engineering College.

[8] D.Sandanasamy, S.Govindaradjane, "Energy-Efficiency of Building Envelope – An Overview of Codal Provisions at National conference on Recent Trends in civil & Mechanical Engineering, held in Anna University of Technology Tiruchirappalli.

[9] Dr.S.Sivamurthi Reddy and S.Govindaradjane, "Studies on various types of Quarry dust as an alternate to river sand in mortar", presented in National seminar on Environment- Public Participation, 2011 at Department of Geology, S.V.University, Tirupati.

[10] D.Sandanasamy and S.Govindaradjane, "Energy conservation building Code: An overview of codal provisions", presented in 26th Indian Engineering Congress, (IEI) Karnataka state centre, 2011 at Bangalore.

[11] S.Pradeep Kumar and S.Govindaradjane, "Impact of climate change in the Indian sub-continent: Overall scenario and challenges ahead" presented in 26th Indian Engineering Congress, IEI, Karnataka state Centre, 15th -17th December 2011 at Bangalore.

[12] Dr.S.Sivamurthi Reddy and Dr. S.Govindaradjane, "Trace elements in ground water of coastal aquifer of Pondicherry region in the national Seminar on "Recent Trends on Water Research" 2-3 March, 2009 at Annamalai University.