

List of Publications - Dr. A. Merline Sheela

1. Sudoroli S and A. merline Sheela, "Treatment of Sago Effluent with Cowdung Ash using Anaerobic Fluidized Bed Reactor", Journal of Indian Water Works Association, pp. 375 - 378 (2013).
2. Priyanka S and A. Merline Sheela, " Comparing the Antibacterial Activity of Silver Nanoparticles Synthesised using Garlic Extract and Celery leaf Extract and implementing in Domestic Point Use Filters", International Journal of Agriculture and Environmental Science, published by SSRG. Vol. 4, Issue 3, pp. 25 - 34 (2017).
3. Archana V and Merline Sheela A, "Effect of *Bacillus subtilis* and *Pseudomonas putida* on the Removal of Pollutants in Match Industry Wastewater", International Journal of General Engineering and Technology, published by International Academy of Science, Engineering and . Vol. 7, Issue 4, pp. 1 - 6 (2018).
4. John D and Merline Sheela A, "Control of Water hyacinth(*Eichornia crassipes*) Using Weevil", International Journal of Current Advanced Research, Vol. 7, pp. 9013 - 9020 (2018).
5. Ilamathi, R,A. Merline Sheela and N. Nagendra Gandhi, " Comparative evaluation of *Pseudomonas* species in single chamber microbial fuel cell with manganese coated cathode for reactive azo dye removal", International Biodeterioration & Biodegradation, published by Elsevier. Vol. 144, Issue 2019, pp. 1 -9 (2019).
6. Goutham S and Merline Sheela A, " Removal Of Petroleum Hydrocarbon From Soil And Water Using Aloe Vera Powder", Indian Journal of Environmental Protection, published by Scientific Publishers. Vol. 40, Issue 7, pp. 698-703 (2020).
7. Subi S and Merline Sheela A, "Review on Termite Mound Soil Characteristics and Agricultural Importance", Journal of Agriculture and Ecology Research International, published by Science Domain International. Vol. 21, Issue 7, pp. 1 - 20 (2020).
8. Subi S and Merline Sheela A, "Microbial Activity and Cellulose Degraders in Termite Mound Soil", International Journal of Current Microbiology and Applied Sciences, published by Excellent Publishers. Vol. 9, Issue 7, pp. 2154-2161 (2020).
9. Ilamathi, R,A. Merline Sheela, "Performance analysis of microbial fuel cell operational parameters on reactive azo dye decolorization", Desalinization and Water Treatment, published by Desalanization Publications. Vol. 190, pp. 312-321 (2020). page 3 / 6 Dr. A. MERLINE SHEELA Assistant Professor, Centre for Environmental Studies
10. Gethsial, A., Merline Sheela, A and Ilamathi, R, "Fate of crude oil in soil treated with *Pseudomonas putida* immobilised on coconut coirpith a lowcost biocarrier", Soil and Sediment Contamination: An International Journal, published by Taylor and Francis Group. Vol. 2020, pp. <https://doi.org/10.1080/15320383.2020.17> (2020).
11. Merline Sheela, A. and Shanmugasundaram, R, "Water and air as possible transmission medium for novel corona virus (covid - 19), scope for future research: a review", International Journal of Science and Research, published by IJSR. Vol. 9, Issue 5, pp. 472 - 476 (2020).
12. "Petroleum Refinery Wastewater Treatment Options - Microbial Fuel Cells (MFCs) an Emerging Technology - Current Status and Future Prospects", Recent Advances in

Petrochemical Science, published by Juniper publishers. Vol. 7, Issue 1, pp. 555704 (2020).

13. Vinoth Kumar M and Merline Sheela A, "Effect of plastic film mulching on the distribution of plastic residues in agricultural fields", Chemosphere, published by Elsevier. Vol. 2020, pp. 128590 (2020).