

List of Publications – Dr.R.Gandhimathi

1. K. Soundaranayaki, and **R. Gandhimathi (2019)** Performance of various media in vertical flow constructed wetland for the treatment of domestic wastewater. *Desalination and Water Treatment*, 146, 57 - 67.
2. V. Uma and **R. Gandhimathi (2019)** Organic removal and synthesis of biopolymer from synthetic oily bilge water using the novel mixed bacterial consortium. *Bioresource Technology*, 273, 169-176.
3. T. Sruthi, **R. Gandhimathi**, S. T. Ramesh and P. V. Nidheesh **(2018)** Stabilized landfill leachate treatment using heterogeneous Fenton and electro-Fenton processes, *Stabilized landfill leachate treatment using heterogeneous Fenton and electro-Fenton processes*. *Chemosphere*, 210, 38-43.
4. R. Jinisha, **R. Gandhimathi**, S. T. Ramesh, P. V. Nidheesh and S. Velmathi **(2018)** Removal of rhodamine B dye from aqueous solution by electro-Fenton process using iron-doped mesoporous silica as a heterogeneous catalyst. *Chemosphere*, 200, 446-454.
5. Archa Baiju, **R. Gandhimathi**, S. T. Ramesh and P. V. Nidheesh **(2018)** Combined Heterogeneous Electro-Fenton and Biological Process for the Treatment of Stabilized Landfill Leachate. *Journal of Environmental Management*, 210, 328 - 337.
6. P. S. Roshini, **R. Gandhimathi**, S. T. Ramesh and P. V. Nidheesh **(2017)** Combined electro-Fenton and biological processes for the treatment of industrial textile effluent: Mineralization and toxicity analysis. *Journal of Hazardous, Toxic, and Radioactive Waste*, ASCE, 04017016, 1-8.
7. T. T. Asha, **R. Gandhimathi**, S. T. Ramesh and P.V. Nidheesh **(2017)** Treatment of Stabilized Leachate by Ferrous Activated Persulfate Oxidative System. *Journal of Hazardous, Toxic, and Radioactive Waste*, ASCE, 04017016, 1-8.
8. J. Krupa, **R. Gandhimathi**, S. T. Ramesh, P. V. Nidheesh, and T. Singh **(2016)** Investigation of Biobarrier for Leachate Containment through Batch and Continuous Flow Studies. *Journal of Environmental Engineering*, ASCE, 142, C4015006, 1-8.
9. P. Aswathy, **R. Gandhimathi**, S. T. Ramesh and P.V. Nidheesh **(2016)** Removal of organics from bilge water by batch electrocoagulation process. *Separation and Purification Technology*, 159, 108-115.
10. P. V. Nidheesh and **R. Gandhimathi (2015)** Textile Wastewater Treatment by Electro-Fenton Process in Batch and Continuous Modes. *Journal of Hazardous, Toxic, and Radioactive Waste*, ASCE, 19, 04014038: 1-7.
11. **R. Gandhimathi**, Albin Babu, P. V. Nidheesh, S. T. Ramesh and T. S. Anantha Singh **(2015)** Laboratory Study on Leachate Treatment by Electrocoagulation Using Fly Ash and Bottom Ash as Supporting Electrolytes. *Journal of Hazardous, Toxic, and Radioactive Waste*, ASCE, 19, 04014033:1-10.