

List of Publications- Dr. S V Srinivasan

1. Melesse, A.G., Velmurugan, N., Venkatachalam, **S.S.**, Chacko, S.P. and Demissie, B.A., 2020. Startup of granulation of sludge in sequencing batch airlift reactor for simultaneous removal of nitrogen and organic carbon from tannery wastewater. *Journal of Water Process Engineering*, 38, p.101605.
2. Velusamy, M., Chakali, B., Ganesan, S., Tinwala, F. and Venkatachalam, **S.S.**, 2020. Investigation on pyrolysis and incineration of chrome-tanned solid waste from tanneries for effective treatment and disposal: An experimental study. *Environmental Science and Pollution Research*, 27(24), pp.29778-29790.
3. Velusamy, M., Speier, C.J., Michealammal, B.R.P., Shrivastava, R., Rajan, B., Weichgrebe, D. and Venkatachalam, **S.S.**, 2020. Bio-reserves inventory—improving substrate management for anaerobic waste treatment in a fast-growing Indian urban city, Chennai. *Environmental Science and Pollution Research*, 27(24), pp.29749-29765.
4. Mozhiarasi, V., Weichgrebe, D. and **Srinivasan, S.V.**, 2020. Enhancement of Methane Production from Vegetable, Fruit and Flower Market Wastes Using Extrusion as Pretreatment and Kinetic Modeling. *Water, Air, & Soil Pollution*, 231(3), pp.1-21.
5. Nagabalaji, V., Muthukumar, T., Juhna, J.R., **Srinivasan, S.V.** and Suthanthararajan, R., 2020. Effect of food to microalgal biomass ratio on the assimilation of ammoniacal nitrogen from the secondary treated tannery effluent coupled with bio-energy generation using grown algal biomass. *Desalination and Water Treatment*, 200, pp.65-73.
6. Melesse, A.G., **Srinivasan, S.V.**, Demissie, B.A. and Chacko, S.P., 2020. Sequencing batch airlift reactor system for simultaneous removal of nitrogen and organic carbon from synthetic tannery wastewater. *DESALINATION AND WATER TREATMENT*, 183, pp.194-204.
7. Mozhiarasi, V., Speier, C.J., Rose, P.B., Mondal, M.M., Pragadeesh, S., Weichgrebe, D. and **Srinivasan, S.V.**, 2019. Variations in generation of vegetable, fruit and flower market waste and effects on biogas production, exergy and energy contents. *Journal of Material Cycles and Waste Management*, 21(3), pp.713-728.
8. Nagabalaji, V., Sivasankari, G., **Srinivasan, S.V.**, Suthanthararajan, R. and Ravindranath, E., 2019. Nutrient removal from synthetic and secondary treated sewage

and tannery wastewater through phycoremediation. *Environmental technology*, 40(6), pp.784-792.

9. Porselvam, S., Mahendra, B., **Srinivasan, S.V.**, Ravindranath, E. and Suthanthararajan, R., 2017. Enhanced biogas production from co-digestion of intestine waste from slaughterhouse and food waste. *Energy & Fuels*, 31(11), pp.12133-12140.
10. Porselvam, S., Vishal, N.S. and **Srinivasan, S.V.**, 2017. Enhanced biogas yield by thermo-alkali solubilization followed by co-digestion of intestine waste from slaughterhouse with food waste. *3 Biotech*, 7(5), pp.1-10.
11. Porselvam, S. and **Srinivasan, S.V.**, 2017. Technology assessment of slaughterhouse solid waste management. *Technology Assessment*, 6(5).
12. Antony, V., Sabumon, P.C. and **Srinivasan, S.V.**, 2016. Enhanced anaerobic digestion of tannery primary sludge using pre-treatment techniques. *International Journal of Environment and Waste Management*, 18(1), pp.24-42.
13. Ravindranath, E., Chitra, K., Porselvam, S., **Srinivasan, S.V.** and Suthanthararajan, R., 2015. Green energy from the combined treatment of liquid and solid waste from the tanning industry using an upflow anaerobic sludge blanket reactor. *Energy & Fuels*, 29(3), pp.1892-1898.
14. Thankappan, R., Nguyen, T.V., **Srinivasan, S.V.**, Vigneswaran, S., Kandasamy, J. and Loganathan, P., 2015. Removal of leather tanning agent syntan from aqueous solution using Fenton oxidation followed by GAC adsorption. *Journal of Industrial and Engineering Chemistry*, 21, pp.483-488.
15. Sridevi, V.D., Rema, T. and **Srinivasan, S.V.**, 2015. Studies on biogas production from vegetable market wastes in a two-phase anaerobic reactor. *Clean Technologies and Environmental Policy*, 17(6), pp.1689-1697.
16. Kalyanaraman, C., Sri Bala Kameswari, K., **Srinivasan, S.V.**, Thirumaran, K. and Raghava Rao, J., 2015. Effect of pre-treatment on dye degradation in aerobic reactor. *Desalination and Water Treatment*, 56(6), pp.1547-1557.