

## PUBLICATIONS

1. Shroff, K. C., & Shah, N. G. (2023). The Performance Evaluation and Process Optimization of Anaerobic Co-digestion of OFMSW with Bio-flocculated Sludge from Secondary Settling Tank: A Key to Integrated Solid–Liquid Waste Management. *Waste and Biomass Valorization*. <https://doi.org/10.1007/s12649-023-02176-7>
2. Shroff, K., & Shah, N. (2024). Prediction Modelling to Enhance Anaerobic Co-digestion Process of OFMSW and Bio-flocculated Sludge Using ANN. *Pollution*, 10(1), 481-494. doi 10.22059/poll.2023.365129.2065

## CONFERENCES

1. Kinjal Shroff, Nirav Shah, entitled "**Development of prediction model for the performance of anaerobic co-digestion of OFMSW and Bio-flocculated sludge using Artificial Neural Network**" presented on fourth international conference on Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT) held by Department of Mechanical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat, India during 28-30 September 2023.
2. Kinjal Shroff, Nirav Shah, entitled "**Comparative study of kinetic modelling for anaerobic co-digestion process for substrate removal efficiency**" presented at a third international conference on New Frontiers in Chemical, Energy and Environmental Engineering (INCEE-2023) conducted by Department of Chemical Engineering, National Institute of Technology, Warangal, Telangana, India during 24-25 November 2023.

