


**Name of the Department: Civil Engineering**

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Qualification		UG	B.E	Civil Engineering	
		PG	M.E	Environmental Engineering	
		PhD		Environmental Engineering	
Specialization / Major areas of Research		Biological wastewater treatment, Upflow anaerobic sludge blanket reactor, Static granular bed reactor			
Experience		Teaching: -		Industry: -	Research: -
Papers Published in Journals		International: 05			National: -
Papers Presented in Conferences		International: -			National: -
*Awards / Achievements / Funded Projects / Consultancy					

## **Publications:**

### **International Journals:**

1. Mariraj Mohan S, **Swathi T**, “Evaluation of the effect of copper on the restart of a novel combined two-stage anaerobic digester” in Water and Environment Journal, Vol 38, 32-44, **2024**, DOI: <https://doi.org/10.1111/wej.12891> (Q3 & SJR 0.45), Impact Factor: 1.977
2. Mariraj Mohan S, **Swathi T**, “Enhanced copper removal and biogas production through intermittent operation of coupled modified upflow with static granular bed reactor treating copper-containing wastewater” in Environmental Engineering and Management Journal, Vol 22, No 7, 1235-1243, **2023**, DOI: <http://doi.org/10.30638/eemj.2023.102> (Q3 & SJR 0.24), Impact Factor: 1.1
3. Mariraj Mohan S, **Swathi T**, “Enhanced Degradation of the Substrate Using Modified Upflow Anaerobic Sludge Blanket Reactor-Static Granular Bed Reactor Series with Varying Hydraulic Retention Time at Lab Scale” in Journal of Environmental Engineering, Vol 149, **2023**, DOI: [https://doi.org/10.1061/\(ASCE\)EE.1943-7870.0002079](https://doi.org/10.1061/(ASCE)EE.1943-7870.0002079) (Q2 & SJR 0.46), Impact Factor: 2.216
4. Mariraj Mohan S, **Swathi T**, “Enhanced biogas production and substrate degradation through intermittent operation of modified upflow anaerobic sludge blanket-static granular bed reactor series” in Water Environment research, Vol 94, **2022**, DOI: <https://doi.org/10.1002/wer.10775> (Q2 & SJR 0.51), Impact Factor: 3.306
5. Mariraj Mohan S, **Swathi T**, “A review on upflow anaerobic sludge blanket reactor: Factors affecting performance, modification of configuration and its derivatives” in Water Environment Research, Vol 94, Issue 1, **2022**, DOI: <https://doi.org/10.1002/wer.1665> (Q2 & SJR 0.51), Impact Factor: 3.306