

SIVA SANKARI J

Gender: Female

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Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2022	M.Tech Environmental Engineering	NIT, Trichy	9.03
2019	B.E Civil Engineering	Mepco Schlenk Engineering College, Sivakasi	8.81
2015	Class XII	PSC School, Virudhunagar, State Board of Tamilnadu	95.67%
2013	Class X	PSC School, Virudhunagar, CBSE	9.0

Internship Experience

- Inplant Training from Chennai Metro Water Supply and Sewerage Board:** *July 2021*
The training involved the onsite visit of the two water treatment plants and two waste water treatment plants to understand the various treatment operations involved.
- Summer Internship training at Earth Recycler, Chennai:** *Jun 2021 – July 2021*
The collection of solid waste generated in the SIDCO Industrial estate, Guindy was taken care. It also involved understanding the technologies opted for fabric recycling, the machinery and cost involved and collection of data regarding fabric waste generated.

Other Projects

- MXene augmented copper ferrite ($\text{CuFe}_2\text{O}_4/\text{Ti}_3\text{C}_2$) catalyst for treatment of stabilized landfill leachate by Sulfate Radical based Advanced Oxidation Process** *Aug 2021 – May 2022*
The thesis involves the synthesis of Copper Ferrite/MXene composite nanomaterials for the treatment of Stabilized Landfill leachate by optimizing the operating parameters (Catalyst Dosage, Initial pH and Peroxymonosulfate dosage. Also, radical trapping experiment is to be done for studying the mechanism behind the degradation process.
- Effect of hyposludge on Geo-polymer Concrete (ambient curing):** *Mar 2019*
Specimens were cast by low calcium class F fly ash as a binder material which was replaced by a varying percentage of hyposludge and cured at ambient temperature. It is one of the sustainable ways of improvising the strength of structural elements of a building.