

Dr. A. Aishwarya Lakshmi M.E., Ph.D.,

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ACADEMIC CHRONICLE:

COURSE	EDUCATIONAL INSTITUTION	UNIVERSITY/ BOARD	YEAR OF PASSING	PERCENTAGE MARKS /CGPA
Ph.D. (Environmental engineering)	Anna University , College of Engineering Guindy campus, Chennai	Anna University	2023	
M.E. (Environmental engineering)	Anna University , College of Engineering Guindy campus, Chennai	Anna University	2018	9.52
B.E. (Civil Engineering)	Government College of Technology, Coimbatore	Anna University	2016	8.83

PROFESSIONAL EXPERIENCE:

- Worked as Project assistant at Centre for Environmental studies – Anna University for a period of 3 months under the consultancy project “Evaluation of the Angeripalayam CETP for obtaining ZLD”. Ref: (Lr.No. 018/CES/Waste water / 2018)
- Worked as Assistant Professor in the Civil Engineering department of Saveetha Engineering college- Chennai, from August 2022 – January 2023.
- Working as Assistant Professor in the Civil Engineering department of SRM Institute of Science and Technology – Ramapuram, Chennai from January 2023.

AREAS OF RESEARCH:

Biological wastewater treatment, Micro plastic in STPs, Design of anaerobic systems

PUBLICATION:

1. A. Aishwarya lakshmi and Dr. S. Amal raj, “Natural gum based polymers as additives in enhancing the startup of UASB reactor treating municipal sewage – comparative study” Desalination and Water Treatment, (2022), 252, pp. 89- 97, Impact factor- **1.254**.
2. A. Aishwarya lakshmi and Dr. K. Palanivelu, “Recovery of baking soda from reverse osmosis reject of desalination plant using carbon dioxide gas” Indian journal of chemical technology, (2022), 29, pp. 174- 180, Impact factor- **0.57**.

3. A. Aishwarya lakshmi and Dr. S. Amal raj, “ Performance evaluation of novel Upflow anaerobic sludge blanket reactor with built-in Down flow hanging sponge module for the treatment of municipal sewage” Environmental science and Pollution Research, (2022), 29, pp. 89108 - 89120, Impact factor- **4.223**

4. A. Aishwarya Lakshmi, Dr. S. Amal raj and G. Venkatesan, “Granules as Precursors in the Working of Upflow Anaerobic Sludge Blanket Reactor: A Review on the Impacts of Granulation” Asian Journal of Water, Environment and Pollution, Vol. 20, No. 4 (2023), pp. 41-45. DOI 10.3233/AJW230050 Impact factor- **0.5**

MEMBERSHIP:

Member of the International Water Association (IWA)

Google scholar :

https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AOV7GLMJFzF7yFBYWdkfhh3ZxPEOQII733u8LpOsx7O5nHEHvpk46q_q6H8kUuQEUfmFfl9_x7mmDfiBn9TBf7jsFzHX_utKI2UHI9sVdts&user=5GIXiEUAAAAJ