



## Praveena Gangadharan

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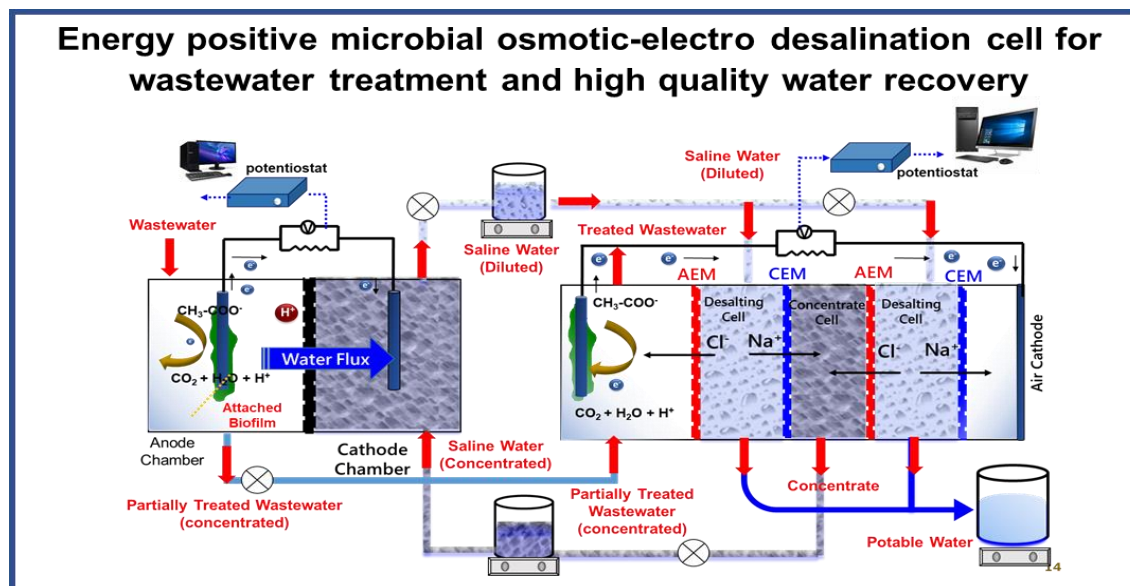


### Research Interests

- Bioelectrochemical systems for wastewater treatment
- Desalination
- Defluoridation of groundwater
- Nutrient Recovery from urine
- Metal reduction and recovery

### Brief Summary of Research

The main focus of Dr. Praveena's research is developing technologies that utilize waste as a resource and provide sustainable solutions for multiple environmental problems such as clean water production, wastewater treatment, nutrient and energy recovery. She is an Editorial member of International Journal of Environmental Science Studies, and member of International Society for Microbial Electrochemistry and Technology and Indian Society for Technical Education. Dr. Praveena is a recipient of Early Career Research Award (SERB, India; 2019-2022), Women Scientist Fellowship ( Department of Science and Technology, India; 2014-2017), Bhagyalakshmi Krishna Ayengar Award ( IIT Madras; 2017) and Gandhian Young Technological Innovation Award (2015). She has published more than 15 research papers in international journals and conferences.



### Projects

“Integrating wastewater treatment to groundwater softening and defluoridation using microbial desalination cell.”, SERB, Rs. 3519480, March 2019 –March 2022.

“Energy positive microbial osmotic-electro desalination cell for wastewater treatment and high-quality water recovery”, SERB, Rs. 3994500, May 2019 – May 2022.