



Sathyabama Institute of Science and Technology

(Deemed to be University)

Chennai, Tamil Nadu

Centre for Waste Management (CWM)



Organizes One Day Hands on Training cum Workshop on Membrane Based Wastewater Treatment



About the CWM

Centre for Waste Management was established in 2011 and has a vision to innovate new ideas and technologies towards achieving the cleaner, greener and sustainable environment. The Centre since its inception in 2011 has been involved in research leading to innovative products, developing patent liable novel ideas in Waste Management, publishing the experimental outcomes in indexed/peer reviewed journals, training graduate students, offering consultancy services and involves in several outreach activities in transferring the research findings for societal benefits.

ABOUT THE COURSE

Water scarcity poses a significant challenge for millions across the globe, impacting both ecosystems and agriculture. The shortage of fresh water has direct and indirect effects on several cities. The inadequate infrastructure and unregulated water pollution contribute significantly to this issue. Several treatment technologies such as membrane-based technology offer a solution by converting brackish water into freshwater, suitable for both industrial and public consumption. This technology is versatile and can also be employed to convert river water or wastewater into freshwater, addressing the fact that approximately 80 percent of domestically used water ends up as wastewater in water bodies.

COURSE CONTENT

The course will cover the following major topics;

- Introduction to Membrane Technologies (MT)
- Pressure driven membranes for wastewater treatment
- Challenges and Recent Research in MT's

HANDS-ON TRAINING

Flat Sheet membrane fabrication, water and wastewater Analysis

TARGET AUDIENCE

Motivated Doctoral, PG & UG students in Material Science, Chemistry, Environmental Engineering, Chemical Engineering, and Bio-Engineering.

REGISTRATION DETAILS

To Register: [Click here](#)

Registration Fee : ₹ 500

Account Details:

Account Name: Dean (Publications and Conferences), Sathyabama Institute of Science and Technology,

Account No : 891734627

IFSC Code : IDIB000T020

Bank: Indian Bank Thousand Lights Branch
(The same account can be used for GPay Transaction also.)

INSTRUCTIONS FOR PARTICIPANTS

- Certificate will be provided
- Refreshment and Lunch will be provided

🕒 9 am to 3 pm 📍 CWM, I Floor, IRC

PATRONS

[Dr. Mariazeena Johnson](#), Chancellor

[Dr. Marie Johnson](#), President

[Mr. J. Arul Selvan](#), Vice President

[Mrs. Maria Bernadette Tamilarasi](#), Vice President

[Ms. Maria Catherina Jayapriya](#), Vice President

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Organizing Secretary

[Dr. Dawn SS](#), Professor (Research)

Convenor

[Dr. Sathish Kumar R](#), Associate Professor (Research)

CO-Convenors

[Dr. J. Arun](#), Assistant Professor (Research)

[Dr. N. Nirmala](#), Assistant Professor (Research)

[Dr. Sivasakthi M](#), Assistant Professor (Research)

[Dr. P. Priyadharsini](#), Scientific Assistant

[Ms. S.V. Sivashankari](#), Project Associate I

[Mr. A. Santhosh](#), Project Coordinator (STI-HUB)

[Ms. A. Bhuvaneshwari](#), Project Assistant (STI-HUB)

[Mr. J. Jayakanth](#), Project Assistant (STI-HUB)

ADDRESS FOR CORRESPONDENCE

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