



# 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 Fabrication & Application of Ultrafiltration Membranes

### 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

This one-day in-depth course is suited for anyone looking for a better understanding of ultrafiltration, or related membrane technologies, including how they function, what they do, and how to take care of them.

The course provides a broad, practical, and application-based discussion regarding a wide spectrum of membrane technologies. The focus of the course will be on commercial and industrial UF as well as related membrane technologies.

### COURSE CONTENT

The course will cover the following major topics;

- Introduction to Membrane Technologies (MT)
- Applications of Ultrafiltration Process
- Challenges and Recent Research in UF Systems

### HANDS-ON TRAINING

- Flat Sheet UF membrane fabrication,
- Filtration Experiments in Cross flow Module

### 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: Vice Chancellor,  
Sathyabama Institute of Science and Technology

Account No : 6500955039

IFSC Code : IDIB000S201

(The same account can be used for GPay transaction also.)

### INSTRUCTIONS FOR PARTICIPANTS

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



22.08.2024 ⌚ 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 Catherine Jayapriya, Vice President

Dr. T. Sasipraba, Vice Chancellor

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)

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

### ADDRESS FOR CORRESPONDENCE

Centre for Waste Management-IRC,

Sathyabama Institute of Science and Technology,  
Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai- 600  
119, Tamil Nadu, India.

Mobile: +91 9715270393; +91 9385547308. (Dr Sathish  
Kumar R)

Email: sathishkumar.ramachandran.irc@sathyabama.ac.in