



**CONFERENCE
ON
DESALINATION, BRINE MANAGEMENT AND
WATER RECYCLING
(DeSaltM 23)**



**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
JULY 2023**



Organized by

**Environmental Science and Engineering Department
(ESED)
IIT Bombay**

VENUE

Victor Menezes Convention Centre (VMCC)
Indian Institute of Technology Bombay,
Powai, Mumbai, Maharashtra-400076, India

CONFERENCE WEBSITE

<https://coeitb23.wixsite.com/desaltm>

ABOUT CENTRE OF EXCELLENCE

Membrane Processes are decentralized, low-cost, eco-friendly, and renewable energy-driven and has gained tremendous market value in regions where traditional water sources are scarce or contaminated. The Centre of Excellence (CoE) on Membrane Technologies for Desalination, Brine Management, and Water Recycling has been established with the aim of developing state-of-the-art technologies with five IITs (IITB, IITD, IITKGP, IIT, and IITH) and other stakeholders from industries and NGOs to provide various desalination, brine management, and water recycling technologies.

ABOUT THE CONFERENCE

Environmental Science and Engineering Department (ESED, formerly CESE), IIT Bombay is organising a 'Conference on Desalination, Brine Management and Water Recycling' IIT Bombay on July 21–22, 2023. The conference intends to encourage young researchers to showcase their work on the different domains of environmental science and engineering in front of a committee of experts and garner them fruitful inputs for their research and careers. The major thematic areas (but not limited to) of the conference are listed below.

THEMES OF THE CONFERENCE

- ❖ Desalination technologies
- ❖ Water and wastewater recycling
- ❖ Brine treatment and management
- ❖ Emerging contaminants removal technologies
- ❖ Novel membrane materials and fabrication
- ❖ Advanced oxidation/reduction processes

CALL FOR POSTERS

The participants are requested to submit an abstract (template in Word) to coeitb23@gmail.com by June 20, 2023. Participants are requested to write “**Abstract for DeSaltM23 <<Name>>**” in the subject line while sending by email. Acceptance notification will be communicated to authors with a request to submit the soft copy of the final poster in camera-ready form by June 20, 2023. Preference will be given to posters that deal with recent advancements, applications and developments in the aforesaid thematic areas. All posters submitted for presentation at the conference must be original and should not have been presented elsewhere. All posters will be subjected to review and decisions will be conveyed to the authors accordingly.

IMPORTANT DATES

Abstract submission deadline	June 20, 2023
Abstract acceptance notification	June 30, 2023
Registration deadline	July 10, 2023
Conference dates	July 21-22, 2023

REGISTRATION FEES

The following conference registration fees is payable for different categories of delegates:

Indian Delegates (Academic)	INR 3,500
Indian Delegates (Industry)	INR 4,500
Students	INR 1,500

REGISTRATION FORM

<https://forms.gle/wsyLEqTVuEdZBmzb6>

EXPERT TALKS

To highlight the advancements made in the various areas of desalination, brine management and water recycling, the **DeSaltM 23** conference plans to organize a series of technical talks by the Centre of Excellence faculty members and other leading scientists over the two day duration. The schedule of the expert lecture series shall be updated on the conference website soon.

STUDENT AWARD FOR THE CONFERENCE

Five students will be awarded up to INR 5000 for participating the conference. The award money can be used for payment of the conference fees, travel and accommodation. The students must submit an abstract to be eligible for the awards. The students need to fill an application form and the extended abstract to be eligible for the awards. The awards preference will be given to the students from the institutes who do not have the financial mechanism to attend such conferences. **Five poster presentation awards** for students will be given during the conference.

ACCOMMODATION

Accommodation will be available in the guest house for expert speakers. Limited hostel accommodation only for students may be available on a first-come-first-serve basis.

ACCOUNT DETAILS FOR PAYMENT

Account Name/ No.: NEC 2019 (2724201010355)
IFSC Code: CNRB0002724
MICR No.: 400015129; Bank Name: Canara Bank
Branch Name: IIT Powai, Mumbai

PATRONS

Director, IIT Bombay
Dean R&D, IIT Bombay
Head, Environmental Science and Engineering
Department, IIT Bombay

SCIENTIFIC COMMITTEE

Prof. Subhankar Karmakar, ESED, IIT Bombay
Prof. Swatantra P. Singh, ESED, IIT Bombay
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Prof. Munish Chandel, ESED, IIT Bombay
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Prof. Reetesh Kumar Gangwar, Phy., IIT Tirupati
Prof. Balaji Subramanian, ME, IIT Tirupati

ORGANIZING COMMITTEE

Prof. Swatantra P. Singh, ESED, IIT Bombay (Convener)
Prof. Munish Chandel, ESED, IIT Bombay
Prof. Amritanshu Shriwastav, ESED, IIT Bombay
Prof. Tabish Nawaz, ESED, IIT Bombay



Established in 1958, **Indian Institute of Technology (IIT) Bombay** is recognized worldwide as a leader in the field of engineering education and research. The institute attracts the best students from the country for its bachelor's, master's and doctoral programmes. It offers higher education in various branches of Applied Sciences and Engineering.

Environmental Science and Engineering Department (ESED) at IIT Bombay is a premier department for education and research in Environmental Science and Engineering in India which is engaged in doing cutting-edge interdisciplinary research in core areas of air and water pollution, waste management, climate change and others.

MAILING ADDRESS

Prof. Swatantra P. Singh,
ESED, IIT Bombay
(Convener)

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