

ABOUT the CONFERENCE

The conference will focus on current trends and anticipated future concerning desalination, Water, energy, environment, and material science for sustainable development. In this conference, many issues will be addressed such as wastewater treatment, water resource management, water purification, membrane and thermal desalination, waste management and disposal. Potential application of advanced materials synthesis and applications for solving problems of desalination, energy and environment will be discussed. There are various sessions with featured invited speakers from the experts in the field who will deliberate their talks in different technical sessions of the conference. Attendees will be able to exchange their ideas on the emerging fields and applications.

With an eye on the importance of this issue, Department of Civil of MIT Muzaffarpur and InDA is jointly organizing this international conference to deliberate and share new ideas and emerging advancements, and to propose appropriate synergistic techniques towards fulfilling the need of sustainable development in terms of energy, environment, and material science etc.

THEMES OF CONFERENCE

- Recent Technologies for Water/Wastewater Treatment
- Water Resources Management & Sustainability
- Water Policies and Planning
- Membrane and Thermal Desalination
- Nuclear/Solar/Renewal Energy Desalination
- Zero liquid discharge (ZLD) Strategies and Reject/Waste Management
- Wastewater Treatment, Recovery and Reuse
- Economics and Financing Aspects in Water Management
- Assessing, Monitoring, Modeling and Forecasting in Water Management Sector
- Advanced Materials for Water Purification
- Application of Nanotechnology in Water Purification
- Water to Energy Production Technologies & Water-Energy Nexus
- Renewable and non-renewable energy resource
- Materials for energy storage
- Nano-materials in energy and environment
- Chemistry in the energy environment and material sciences
- Air and noise pollution.
- Advances in Sustainable Construction Materials
- Utilization of Waste Materials in Construction

ABOUT MIT, MUZAFFARPUR

M.I.T. came into existence on 25th September 1954, just seven years after independence of India. It was inaugurated by Sri C. P. N. Sinha, then Governor of East Punjab. Initially it was started with the Civil Engineering discipline with a batch of 45 students as 1954-55 batch with the name 'College of Civil Engineering, Muzaffarpur'. On 21st April 1956 the first prime minister of India Pandit Jawaharlal Nehru laid down the foundation stone of main building. Electrical & Mechanical Engineering branches were added in the year 1960-61 and the institute was renamed as Muzaffarpur Institute of Technology. Pharmacy and Leather Technology were added in the year 1978 and 1986 respectively. Information Technology and Electronics and Communication Engineering disciplines were introduced in 2001. The department of Bio Medical and Robotic Engineering is added in the year 2022. In addition to UG programs in Civil Engineering (NBA Accredited), Mechanical Engineering, Electronics and Communication Engineering, Information Technology, Electrical Engineering, Biomedical and Robotics Engineering and Leather Technology also offers B. Pharm and M.Tech. courses in various specializations. It is a fully residential Institute with 7 boys' hostels, two girls' hostels, and residences for faculty and staff. Every hostel is consummated with a mess, common room, and sport facilities.

ABOUT INDIAN DESALINATION ASSOCIATION (InDA)

InDA was established in the year 1991 with the main goal for the development and promotion of the appropriate use of desalination and water treatment technologies. Being a neutral association without any commercial bias, InDA is active in spreading awareness and providing an interface for enhanced interaction amongst the stakeholders namely the user sectors, industries, academicians, policy makers and program implementation agencies. InDA is an affiliate of International Desalination Association (IDA) and Asia Pacific Desalination Association (APDA) for policy advocacy and adopting world best practices. Each year InDA conducts conferences/ workshops/seminars/ webinars etc. to enhance the skills as well to interact with small & medium industries to enable them to mitigate the problems related to water & wastewater treatment, its management, and related environmental issues.

International Conference

on

Sustainable Approach in Desalination, Water, Energy, Environment, and Advanced Materials for Water Purification

&

Annual Congress of InDA

(InDACon - 2024)

February 24-25, 2024

(Hybrid Mode)

Jointly Organized by



Muzaffarpur Institute of Technology
Muzaffarpur - 842003, India

(Department of Science, Technology and
Technical Education, Govt. of Bihar)



Indian Desalination Association (InDA)

PATRONS

Prof. M. K. Jha,
Principal, MIT, Muzaffarpur
Prof. V. K. Srivastava,
President, InDA, 2023-25

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H.O.D. Civil Engineering, MIT, Muzaffarpur
Prof. C. B. Rai,
Prof. Incharge (Academics), MIT, Muzaffarpur
Prof. S. P. Chaurasia,
President, InDA, 2019-23

ORGANISING SECRETARIES

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MIT, Muzaffarpur
Dr. Madhu Agrawal,
Secretary, InDA

JOINT ORGANIZING SECRETARIES

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MIT, Muzaffarpur
Dr. Dipaloy Datta,
Treasurer, InDA
Dr. Rajeev Kumar Dohare,
Joint Secretary, InDA

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Mr. Rajeev Kumar, MIT, Muzaffarpur
Mr. Rishabh Sharma, MIT, Muzaffarpur
Miss. Priyanka Chopra, MIT, Muzaffarpur

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Prof. Ajay Bansal, NIT Jalandhar
Prof. S. Bajpai, NIT Jalandhar
Prof. Pragati Kumar, VC, SMVDU, Katra

ACCOMMODATION:

Accommodation for registered participants will be arranged in local hotels on payment basis for which details are available on website. However shared accommodation for UG/PG/PhD student will be provided in hostel on nominal payment basis. Such participant needs to register before 15 Feb 2024.

High quality selected conference paper will be published in reputed SCOPUS index journal. Best oral/paper presentation for UG student will be awarded.

ADDRESS for COMMUNICATION

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Website: <https://sites.google.com/view/indacon2024?usp=sharing>

REGISTRATION FEE

| Participant | InDA Member (INR) | Non-InDA Member (INR) |
|------------------------|-------------------|-----------------------|
| Industry Personal | 4000/- | 5000/- |
| Academia | 3000/- | 4000/- |
| Delegate (Non-authors) | 3000/- | |
| Student (PG/PhD) | 1500/- | 2500/- |
| Student (UG) | 1000/- | 1500/- |
| Foreign Delegate | \$ 100 | |

All the payments should be made in favor of "INDACON2024" payable through Bank Transfer: Central Bank of India, Jhuran Chapra, Muzaffarpur Branch, Savings Account No: 5515997195, IFSC: CBIN0282034, Bihar, India



IMPORTANT DATES

Call for paper in form of extended abstract: 20 Dec 2023 Last date for submission extended abstract: 01 Feb 2024 Intimation for acceptance of abstract: 05 Feb 2024

Last date for registration: 10 Feb 2024

Note: It is compulsory to register at least one author for finally accepted paper.

SUBMISSION OF PAPERS

Paper submitted shall be original in nature and relevant to the conference. An abstract (max. words 1000) to be submitted with a title, contributing authors, presenting author, and affiliation, email address of the corresponding author (10 points times new roman).

Link for abstract submission: Scan to Upload Abstract



<https://forms.gle/vcTkAGVsru4RKwpy6>