

2nd NATIONAL CONFERENCE on

INNOVATIVE SOLUTIONS FOR CLEAN WATER SUPPLY AND SMART URBAN WASTE MANAGEMENT WITH CIRCULAR ECONOMY



Organized by

INSTITUTION OF PUBLIC HEALTH ENGINEERS, INDIA

ON

10th & 11th APRIL, 2026

(Friday & Saturday)

AT

IPHE Auditorium

**CK-58, Sector-II, Salt Lake City,
Kolkata- 700 091**

BACKGROUND THEME

Water is essential for our life, livelihood, food security and sustainable development. Today fresh water resources are limited in our country and with increasing demand of water in agriculture, industry, power generation and public water supply, water stress and acute conditions have arisen in many regions of our country. Public water supply shall ensure a system by which consumers will get safe water as per requirement and that all water safety and security measures are undertaken along with water quality monitoring and surveillance. Contaminated water can lead to a plethora of health issues, including water borne diseases. Thus, the quest for clean water is not just about enough water for consumption, it is intrinsically tied to public health, dignity and the ability to thrive.

In the perspective of contamination of water sources, the water treatment technologies must be effective and dependable. Conventional water treatment technologies are being used extensively for public water supply. However, advances in technology with innovative solutions are paving the way for effective and clean water solutions where water sources are contaminated with different types of pollutants including emerging or geogenic pollutants.

As the urban population continues to grow, cities are facing unprecedented challenges in managing the vast amounts of solid waste generated daily. Urban waste management is a critical issue, as it impacts public health, environmental sustainability and city aesthetics. According to SWM Rule 2016, the solid wastes need to be segregated and collected from the source, transported and processed in scientific manner with an aim to recover resources. In this context, the concept of circular economy comes into play — a system aimed at eliminating waste and continual use of resources through innovative recycling, reuse and regeneration strategies.

According to CPCB, urban India generates 72,368 MLD of municipal sewage, which is estimated to increase 1,20,000 MLD by 2050. Sewage treatment plants involving various technologies have been installed without emphasis on resource recovery. Treated sewage can be a viable resource to offset part of the increased requirement for non-potable applications of water in agriculture, industry and municipal domain, thus bringing in circularity in water-wastewater sector. The framework for circular economy for water – waste water sector, is based on the general waste mitigation principles, i.e., reduction, reuse, recycling and recovery.

In the above context, IPHE, India will organise the **2nd National Conference on “Innovative Solutions for Clean Water Supply and Smart Urban Waste Management with Circular Economy”**, scheduled to be held on 10th and 11th April, 2026.

Eminent experts will grace the seminar as invited speakers. Delegates from UD&MA Department, PHED, Development Authorities, Central and State PCBs, ULBs, Consulting Firms, Academic Institutions, NGOs etc. will participate in the National Conference.

The 2nd National Conference will address the following broad areas :

WATER

- Sustainability of water resources and management.
- Innovative water treatment technologies.
- Water quality monitoring and surveillance.
- Rationals of continuous mode and intermittent mode of water supply systems.
- Water safety planning.
- Life cycle analysis.

SOLID WASTE

- Solid waste processing: Issues and challenges.
- Resource recovery and sustainability of waste management.
- Circular economy.
- Relevance in stakeholders' involvement for waste management.
- Bioremediation and bio-mining of legacy waste: Issues and challenges.

WASTE WATER :

- Different technologies for waste water treatment
- Tertiary treatment in STPs
- Resource recovery. Recycle and reuse
- Circular economy

CALL FOR PAPERS :

- Paper related to the theme of the Conference are invited from faculty members of educational institution, research scholars, students, practicing scientist/ engineers, consultants etc. for presentation in the Seminar. There will be both oral and poster presentation in the Seminar. Abstract (300 words) may be submitted initially within the time frame. On selection of abstract, full paper needs to be submitted. Presentation in Poster will be also communicated to the authors.
- Last date of submission of abstract : **28th February, 2026.**
- Acceptance of abstract will be communicated to the respective author by **14th March, 2026.**
- Last date of submission of full paper : **27th March, 2026.**

Few Eminent Experts in relevant fields will grace the Conference as Invited Speakers

CONFERENCE SOUVENIR :

A Conference Publication (Souvenir) in English comprising of Technical Articles, Abstracts of Seminar Papers, Advertisements and relevant information relating to IPHE, India will be released on the day of the Conference.

REGISTRATION FEES :

The intending participants are requested to register their names through email in prescribed Registration Form as provided in this brochure within 31st March, 2026. The fees for participation through registration shall also be as below which is required to be paid in advance. The payment mode is given separately in this brochure.

CATEGORY	Delegates Fee (in Rs.)
Corporate members of IPHE	200.00
Non Members	1,000.00
Students / Research Scholars	200.00
Sponsored Delegates from Govt. Dept. / PSU/ Board/ Municipalities and Corporations	1,000.00
Sponsored Delegates from Industries	2,000.00

SPONSOR / CO-SPONSOR/ COLLABORATOR

Industries, business houses, statutory bodies and entrepreneurs are requested to participate as Sponsor/ Collaborator to use this platform for direct interaction with the Stakeholders. The organisers of the Conference shall arrange adequate publicity of these contributors during the Seminar. Time slots for the Sponsors/Collaborators have been earmarked during the day in the National Conference to project themselves in terms of activities/ products. All financial support will entail one full-page advertisement in the printed Souvenir of the Conference. The tariff is given below:

CATEGORY	SPONSORSHIP FEES (in Rs.)	PRIVILEGES
● Platinum Sponsor	Rs.1,00,000/-	5 delegates free, display of banner at backstage of venue & presentation (20 minutes)
● Diamond Sponsor	Rs. 75,000/-	4 delegates free, display of banner at backstage of venue & presentation (15 minutes)
● Gold Sponsor	Rs. 50,000/-	3 delegates free, display of banner at backstage of venue & presentation (10 minutes)
● Co-Sponsor	Rs. 25,000/-	2 delegates free, display of banner at backstage of venue
● Collaborator	Rs. 15000/-	1 delegates free, display of banner at backstage of venue

The Conference Souvenir would carry advertisements from Manufactures / Builders/ Dealers of materials, equipments and software and also from Government / Public and Private Sector Organisations, Academic and R&D Institutions. Tariff from the advertisements in the Souvenir are as below:

ADVERTISEMENT TARIFF

Matter	Rate (in Rs.)
Back Outside Cover Page	Rs. 20,000/-
Back & Front Inside Cover Page	Rs. 15,000/-
Special Full Page	Rs. 7,500/-
Ordinary Full Page	Rs. 5,000/-
Ordinary Half Page	Rs. 3,000/-

TENTATIVE PROGRAMME

10.04.2026 (Friday)

14.30 hrs – 15.00 hrs : Registration

15.00 hrs – 15.45hrs : Inaugural Session

15.45hrs – 16.00 hrs : Tea Break

16.00 hrs – 18.30 hrs : Technical Session I- Water Supply: Issues & Challenges

18:30 hrs – 19:00 hrs : Presentation by Manufacturers/Industries/Service Providers.

Followed by High Tea

11.04.2026 (Saturday)

10.30 hrs – 11:45hrs : **Technical Session II- Liquid Waste Management : Issues & Challenges**

11:45 hrs – 12:00 hrs : Tea Break

12.00 hrs – 13.00 hrs : Technical Session II... Contd.

13:00 hrs – 13: 30 hrs : Presentation by Manufacturers/Industries/Service Providers.

13.30 hrs – 14.30hrs : Lunch

14.30 hrs – 16.30hrs : **Technical Session III – Solid Waste Management : Issues & Challenges**

16:30 hrs – 16:45 hrs : Tea Break

16.45 hrs – 17.45 hrs : Recommendation and Valedictory Session followed by Refreshment.

Organising Committee for 2nd National Conference, 2026

Chairman	: Prof. Arunabha Majumder, President, IPHE, India (98303 05218)
Organising Secretary	: Er. Samir Kumar Mukherjee, Secretary General, IPHE, India (98300 18593)
Joint Convenor	: Er. Tarun Kumar Dutta, Secretary, IPHE, India (91233 95662) Er. Asrafal Islam, Editor, IPHE, India (84798 17935)
Vice President	: Dr. Nilangshu Bhusan Basu (98300 21482) Dr. G. Venkatesan (94868 14120) Dr. Biswajit Mukhopadhyay (98303 72476) Er. Chinmoy Debnath (94361 28868)
Treasurer	: Er. Kripan Ayudh Roy (99719 17954)
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Ex-Officio Members	: Er. J. B. S. Johar, Jammu (94191 98439)
(Chairman of	Er. R P Mallik, Bengaluru (73496 33440)
Regional Centre	: Er. D. K. Dhar, Kolkata (98300 58382) Er. P. B. Kulkarni, Nagpur (93731 07084) Er. Ajay Gupta, Delhi (96502 91023) Er. Shyamlal Bhowmik, Tripura (88372 53585) Er. S. R. Saikia, Guwahati (94350 40097) Er. Dinkar Saxena, Agra (93195 13767) Er. R. Ragunathan, Chennai & Pondicherry Er. Radhakrishnan M, Kerala (94470 94516)

REGISTRATION FORM

Regn. No... **2nd National Conference on Innovative Solutions For Clean Water Supply And Smart Urban Waste Management With Circular Economy to be held on 10th and 11th April, 2026 (Friday and Saturday)**
Organized by Institution Of Public Health Engineers, India

To
The Organizing Secretary,
Organising Committee of National Conference
Institution of Public Health Engineers, India, Kolkata Centre
CK – 58, Sector – II,
Salt Lake City, Kolkata – 700 091

Sub. : National Conference on Innovative Solutions For Clean Water Supply And Smart Urban Waste Management With Circular Economy

Sir,
I/We would like to participate in the **National Conference on Innovative Solutions For Clean Water Supply And Smart Urban Waste Management With Circular Economy** to be held at Kolkata on **10th and 11th April, 2026** as **Sponsor (Platinum/Diamond/Gold/Co-Sponsor/ Collaborator/Advertiser).**

Status of Delegate: Sponsor (Platinum/Diamond/Gold)Co-sponsor/ Collaborator/ Advertiser/ IPHE Member/ Non Member/ Others (please tick)

Name :

Designation :

Name of Organization / Institution :

Address :

E-mail :

Mob. No. :

IPHE Membership No. (where applicable)

Please find enclosed a DD/Cheque No.

in favour of '**Institution of Public Health Engineers, India**' Dated

Bank & Branch Name :

Amount

..... (in words)

Yours faithfully,

Signature with office Seal

Date

PAYMENT :

Payment may be made by On-line Bank Transfer/ Cheque/ Demand Draft and may be drawn in favour of Institution of Public Health Engineers India.

Name: Institution of Public Health Engineers, India

Name of Bank: Punjab National Bank

Branch: Kolkata, Salt Lake, Sec 2

Branch Address: CJ 20, Sector 2, Salt Lake 2, Kolkata - 91

Account Number: 4656000100029254

IFS Code: PUNB0456000 (Fifth Character is Zero)



Kindly complete the Registration Form with enclosures (if any) along with Cheque / Bank Draft is to be sent to the above address.

**UPI ID
9051505960m@pnb**