

**One Day Workshop
on
Unlocking the Power of Hydrokinetic Energy
“Riding the Current”**

**Date: 06 June 2025, Friday
Venue: Central Board of Irrigation & Power, New Delhi**



Organized by



INTRODUCTION

Water and energy are intrinsically linked, forming a critical nexus that drives sustainable development. In an era of escalating energy demands, climate uncertainties, and resource constraints, the role of water as a key enabler for energy production and connectivity has become more significant than ever. From hydropower generation to thermal cooling and emerging hydrokinetic technologies, the interplay between water and energy systems offers immense potential for innovation, efficiency, and resilience.

Hydrokinetic energy is a form of renewable energy that harnesses the natural movement of water to generate electricity without the need for dams or reservoirs. It captures kinetic energy from flowing rivers, tidal currents, and ocean streams using specially designed hydrokinetic turbines. Unlike traditional hydropower, which relies on elevation changes and water storage, hydrokinetic systems operate in open water environments, making them more environmentally friendly and less disruptive to ecosystems. These turbines can be surface-mounted or submerged, with designs varying based on flow conditions and energy demands. Hydrokinetic energy presents a promising solution for clean, continuous, and decentralized power generation, particularly in remote and off-grid locations. With advancements in turbine efficiency, material durability, and grid integration, hydrokinetic technology is emerging as a key player in the transition toward sustainable energy.

This workshop on, **“Unlocking the Power of Hydrokinetic Energy”** aims to bring together industry experts, policymakers, researchers, and technology leaders to explore how water kinetics can revolutionize energy systems. It will address emerging challenges, showcase advanced solutions, and foster collaborations that contribute to a sustainable and energy secure future.

TOPICS

The training program shall cover but not limited to the following sub-topics:

- Fundamentals of Hydrokinetic Energy Hydrokinetic turbines
- Hydrokinetic Turbine Technology
- Site Selection, Installation & Deployment
- Operation, Monitoring & Maintenance
- Environmental Impact & Regulations
- Economic & Market Aspects
- Future Trends & Economic Feasibility

CALL FOR PRESERNTATIONS

Identified/ known Industry experts are being invited to make presentation during the Workshop. However the presentation from other experts to a limited extent is also invited for consideration.

EXPECTED TAKEAWAYS

The primary objective of this workshop is to provide participants with a comprehensive understanding of Hydrokinetic technology, its principles, applications, and implementation strategies. The structured workshop is to guide professionals, engineers, and students through the fundamentals, design, operation, and maintenance of these systems. This program is structured to benefit both beginners seeking

foundational knowledge and industry professionals looking to expand their expertise in hydrokinetic.

WHO SHOULD ATTEND

This workshop is designed for a diverse audience of professionals and experts engaged in the energy, water, infrastructure, and environmental sectors. It is highly relevant for policymakers, regulators, and government representatives involved in energy planning and policy development, as well as project developers and investors seeking to understand the financial, technical, and regulatory challenges of implementing Hydrokinetic projects. Engineers, technologists, and academics specializing in energy systems, hydropower, and energy storage technologies will also find valuable insights into the latest trends and innovations. Additionally, environmental consultants, community leaders, and NGO representatives working on issues of land use, environmental protection, and social impact will benefit from the discussions on mitigating environmental and social risks.

DATES & VENUE

The date for the event is 06th June 2025 (Friday) at CBIP Hall, (1st Floor), CBIP Building, Malcha Marg, Chanakyapuri, New Delhi.

REGISTRATION FEES*

- The registration fee for participation is Rs.6,000/- per participant.
- There would be discounted fee of Rs.5,000/- per participant, applicable for Members of CBIP.

***GST 18%** will be charged extra on Registration fee.

The registration fee includes registration kit, working lunch, tea/ coffee during the event only. The participants will have to make their own arrangement for boarding and lodging, transport, etc. Registration fee once paid will not be refunded. Spot registration facility will also be available provided prior Information is received.

PAYMENTS

The payment related to the event is to be remitted either through cheque to be drawn in favor of “**Central Board of Irrigation and Power**” or by bank transfer to the following account:

- Account holder name: Central Board of Irrigation and Power
- Bank name: HDFC Bank
- Branch &Address: 209-214, Kailash Building, 26 Kasturba Gandhi Marg, New Delhi110001
- Saving Bank Account No: 00031110004411; Branch/RTG/NEFT IFSC: HDFC0000003;
- MICR Code: 110240001; Swift Code; HDFCINBBDEL

Bank charges if any, must be borne by the participants and should not be deducted from the amount remitted.

OPPORTUNITIES FOR TABLE TOP DISPLAY

Limited Slots are available on first come basis, @ Rs. 50,000/- Plus GST per slot, for display of products, services & Innovations.

*GST shall be charges Extra

OPPORTUNITIES FOR SPONSORSHIP

Scope exists for organizations to be the Sponsor on lump sum payment with following attendant benefits:

Privileges to Sponsor		
Diamond Rs. 3,00,000/-	Gold Rs. 2,00,000/-	Silver Rs. 1,00,000/-
<ul style="list-style-type: none">• 10 delegate passes for participation in the conference• Company logo on main banner• Circulation of Company Literature• Announcement - Thanking sponsor• Speaking Opportunity• Table Space to display• Invitation to the key person of the organisation as special invitee.• Company logo on Cover page of Proceedings Volume• Complimentary Advertisement in the Key Journal Published immediately after the event covering report of the event.• One year complementary Institutional membership of INHA to Diamond sponsor besides other privileges	<ul style="list-style-type: none">• 05 delegate passes for participation in Tutorials & Colloquium• Company logo on main banner• Circulation of Company Literature• Announcement -Thanking sponsor• Speaking Opportunity• Table Space to display• Invitation to the key person of the organisation as special invitee.• Company logo on Cover page of Proceedings Volume• Complimentary Advertisement in the Key Journal Published immediately after the event covering report of the event	<ul style="list-style-type: none">• 03 delegate passes for participation in Tutorials & Colloquium• Company logo on main Banner• Company logo on Cover page of Proceedings Volume• Announcement - Thanking sponsor

SECRETARIAT

All correspondence relating to the event should be addressed to:

Shri A.K. Dinkar, Secretary, CBIP, and Secretary General, INHA - email - secretary@cbip.org

Shri Sanjeev Singh Director (E), CBIP - e-mail: sanjeev@cbip.org

C/o CBIP, Plot No. 4, Institutional Area, Malcha Marg, Chanakyapuri, New Delhi-110 021 Phone: 91-11-26115984 / 26116567; Fax: 91-11-26116347

Contact Person:

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REGISTRATION FORM

(To be sent to secretariat via email akshay@cbip.org)

1. Name _____
(First Name) (Middle Name) (Surname)

2. Position _____

3. Organization _____

4. Address _____

5. Contact No. _____ E-mail ID _____

6. Details of Payment of fee : Bank Draft No. _____ and dated _____ OR

Online Bank Transaction ID _____ dated _____, for Rs.
_____.

Place: _____

Date: _____

Signature: _____