



# ISH - NEWSLETTER

VOL 34 No. 1

January 2025

## Report on HYDRO 2024 International

**“Hydro-2024”** 29<sup>th</sup> International Conference on Hydraulics, Water Resources, River and Coastal Engineering” was held during December 18 - 20, 2024 at Central Water & Power Research Station (CWPRS) Pune. It represented a link in the chain of such “Hydro” conferences held annually at different places in India since 1996 under the auspices of The Indian Society for Hydraulics. This was the 29<sup>th</sup> HYDRO conference and the major theme was “Hydraulics, Water Resources, River and Coastal Engineering”. The various themes of the conference were Hydraulics, River engineering and fluvial hydraulics, Surface hydrology and Watershed Management, Groundwater Hydrology, Water Resources, Coastal/Harbor & Ocean Engineering, Dam and Appurtenant Structures, Climate Change Impact on Water - Resources and Hydro-informatics. Around 400 delegates representing academic institutions, research labs, consulting engineers and administrative bodies attended the conference.

The inaugural ceremony was graced by distinguished individuals, including Dr. M. Ravichandran, Honourable Secretary of the Ministry of Earth Science, who served as the chief guest, and Shri J. Chandrashekhar Iyer, Former Chairman of the CWC, who attended as the Guest of Honor. Additionally, the presence of Prof. H.L.

Tiwari, Vice President of ISH, further enhanced the significance of the occasion.

Dr. R. S. Kankara, Director of the Central Water & Power Research Station (CWPRS) in Pune, delivered a compelling welcome address at the HYDRO 2024 conference. He highlighted the pivotal role of CWPRS in tackling water sector challenges and emphasized the importance of conferences like the HYDRO series. These conferences provide a platform for innovative thinkers to engage in meaningful discussions and develop practical solutions for real-world water issues. Dr. Kankara also underscored the strong relationship between the Indian Society for Hydraulics (ISH) and CWPRS. He noted that ISH originated from CWPRS and continues to maintain its secretariat at CWPRS, Pune. This collaboration has been instrumental in advancing research and addressing various water-related challenges. He encouraged all participants to actively engage in the conference and work towards developing actionable recommendations to address the pressing water challenges faced by the nation.

Prof. H.L. Tiwari, Vice President of the Indian Society for Hydraulics (ISH), highlighted the various activities of ISH, including the annual international HYDRO conference, seminars, and workshops. He emphasized the significant role of

the Central Water & Power Research Station (CWPRS) in establishing and elevating ISH to its current high standing. CWPRS, in collaboration with other organizations, has played a crucial role in addressing and solving various issues in the water sector. Prof. Tiwari's speech underscored the importance of continuous research, innovation, and collaboration in the field of hydraulics and water resources management. The efforts of ISH and CWPRS have been instrumental in advancing knowledge and finding solutions to water-related challenges.

Shri J. Chandrashekhar Iyer, Former Chairman of the Central Water Commission (CWC), addressed the participants at the HYDRO 2024 conference. He highlighted the critical issue of depleting water availability and declining water quality per capita in India. He emphasized the importance of addressing these water issues to ensure sustainable water resource management. In his speech, Shri Iyer also stressed the significance of proper hydraulic structure design in cascade basins. He pointed out that such designs are crucial for effective water management and energy dissipation. Additionally, he mentioned the need to consider Glacial Lake Outburst Floods (GLOFs) in the design of these structures to mitigate potential risks and ensure the safety of downstream areas. The insights shared by Shri Iyer underscore the importance of innovative and well-planned hydraulic engineering solutions to address the growing water challenges in India.

Dr. M. Ravichandran, the Honourable Secretary of the Ministry of Earth Science, addressed the HYDRO 2024 participants as the chief guest. He emphasized the significance of climate change and the challenges posed by glacial lake outburst floods (GLOFs). Dr. Ravichandran highlighted the

critical need for water storage and conservation to tackle these pressing issues effectively. His speech underscored the importance of proactive measures and innovative solutions in the field of hydraulics to ensure sustainable water management and mitigate the impacts of climate change. The focus on GLOFs and water-related challenges reflects the growing concern for the environment and the need for comprehensive strategies to address these issues. In addition to his insightful address, Dr. M. Ravichandran, the Honourable Secretary of the Ministry of Earth Science, also inaugurated the exhibition following the inaugural ceremony. The exhibition showcased various innovations, research projects, and technological advancements in the field of hydraulics, water resources, and coastal engineering.

Dr. Prabhat Chandra, Additional Director, extended his heartfelt thanks at the conclusion of the inaugural ceremony of the HYDRO 2024 International Conference. He acknowledged the contributions of all attendees, committee members, sponsors, and the Director of CWPRS for their invaluable support and encouragement.

During the conference, four distinguished researchers from various academic institutions and research laboratories globally delivered invited presentations on their cutting-edge research in the water sector. The S N Gupta memorial lecture was delivered by Dr. Richa Ojha, IIT, Kanpur, on the topic "Soil moisture dynamics in heterogeneous agricultural soils". Shri Pramod B. Deolalikar, Ex - Joint director, CWPRS and former President ISH was honoured with "ISH Lifetime Achievement Award" while "R J Garde Research Award" was conferred on Dr. Manish Panday, IIT Kharagpur.

The response to the HYDRO 2024 INTERNATIONAL conference was exceptionally positive. A total of 564 abstracts were submitted for research papers. Finally, 361 research papers were accepted, with around 331 papers presented during five parallel sessions, resulting in a total of 47 sessions. Furthermore, two half-hour sessions were designated for participants to explore the CWPRS models. The contributions, which included a combination of advanced research and innovative solutions, came from a diverse group of global academicians, scientists, researchers, practitioners, and consultants.

A gala dinner was organized following the first day's events of the conference, sponsored by Megha Engineering and Infrastructure Private Limited, Hyderabad, Telangana, India.

This year's conference has been a testament to the growing importance of integrated and sustainable water resource management in the face of climate change, rapid urbanization, and escalating global water demands. With a diverse array of topics covered, we've delved into areas such as:

- **Flood Risk Management and Mitigation Strategies:** Research on the Cheruthoni Dam's risks and insights into early flood prediction systems using ANN and HEC-RAS modeling have underscored the need for robust, data-driven approaches to minimize vulnerabilities.
- **Groundwater Sustainability:** Innovative AI models have demonstrated potential in groundwater depth prediction and quality assessment, while studies on aquifer recharge and groundwater vulnerability have emphasized sustainable practices.
- **Remote Sensing and GIS Applications:** From

disaster management to land-use changes and their hydrological impacts, remote sensing has proven its critical role in advancing water resource management.

- **Coastal and River Engineering:** Discussions ranged from sediment transport and coastal reservoir viability to the intricate dynamics of channel meandering and their implications for sustainable infrastructure.
- **Innovative Technologies:** AI-based modelling for scouring risks, decision-tree methodologies for wave reflection, and advanced hydrological models have set new benchmarks for predictive and preventive measures in water engineering.

Among the many remarkable presentations, a few stood out for their depth and impact:

1. "Statistical Modifications in Non-Stationary Drought Indices: A Comprehensive Review" by Pranita Joshi and Manoj Kumar Jain, which highlighted advancements in drought analysis methodologies.
2. "Hydrodynamic Behaviour of the Subansiri River in Arunachal Pradesh, India Using HEC-RAS 6.4" by Pranjit Borah and team, offering valuable insights into river system modelling.
3. "Enhancing Flood Mitigation in The Adyar River Catchment Through Strategic Tank Deepening: An Integrated Hydrological-Hydraulic Modelling Approach" by Chaitanya J.C. and colleagues, showcasing an innovative approach to flood management.
4. "Study on the Effect of Variations in Suspended Sediment Concentration on the

Efficiency of Settling Basins in Hydropower Projects" by J. Chandrashekar Iyer and E.J. James, emphasizing sediment management.

5. "Numerical Modelling – A Reliable Technique for Sustainable Development of Waterfront Facilities at Narrow Creek Mouth" by M.M. Vaidya and team, illustrating the importance of numerical methods in coastal engineering.

"Climate Change Impact Study of Cherrapunji Using CMIP6 Models" by A.I. Choudhury and J. Hazarika, which shed light on climate variability and its implications for water

As part of HYDRO 2024, CWPRS delighted to host a HydroHackathon organized by the IAHR Young Professionals Network in collaboration with The Indian Society for Hydraulics. This event provided a platform for young minds to tackle pressing challenges in water resources using innovative solutions, showcasing the creativity and technical expertise of the next generation of water professionals.

Through the collaborative efforts of researchers, policymakers, and practitioners, this conference has facilitated the exchange of pioneering ideas, actionable insights, and innovative technologies. Key outcomes include:

1. Recognition of AI and machine learning as transformative tools for addressing challenges in flood forecasting, irrigation efficiency, and groundwater management.
2. Emphasis on integrating traditional engineering techniques with modern tools like GIS, remote sensing, and simulation models for a comprehensive approach to water management.

3. A call for interdisciplinary collaborations to bridge the gap between theoretical research and practical applications.
4. Recommendations for strengthening community-based water management practices, especially in regions with high vulnerability.

The valedictory ceremony held on December 20, 2024, was graced by Dr. Ranbir Singh, Chairman of the Brahmaputra Board, who served as the Chief Guest, alongside Dr. J.D. Agrawal, Vice-President, who attended as the Guest of Honour.

Dr. Ranbir Singh praised the upgraded version of the HYDRO conference, highlighting the added bonus of having CWPRS as the host institute. He commended the facilities for model visits and congratulated CWPRS and ISH for organizing such a great event and providing excellent hospitality for the participants and dignitaries. Dr. Singh emphasized the importance of flagship conferences like HYDRO in contributing to innovative technologies, research, and the latest developments in hydraulic research. He also mentioned the significant hydro potential in the northeastern region, especially in the Brahmaputra basin. He suggested that similar conferences should be conducted in that region, such as at IIT Guwahati, to further explore and develop these opportunities.

This event represented the conclusion of an important assembly of specialists, promoting collaboration and the sharing of knowledge in the fields of hydraulics and water resources. The HYDRO'24 INTERNATIONAL conference is recognized as a significant advancement in the exploration of knowledge within hydraulics and its associated disciplines.

# HYDRO 2024 Glimpses



*Photo.1: Chief Guest Inaugurating the HYDRO Conference with other dignitaries*



*Photo.2: Jal Kalash offerings by Chief Guest with other dignitaries*



*Photo.3: Release of the HYDRO Conference souvenir*



*Photo.4: Release of the Compendium on Spillways and Energy Dissipators*



*Photo.5: Inaugural address by the Director, CWPRS*



*Photo.6: Brief Introduction by ISH Vice-President*



*Photo.7: Message from Hon'ble Secretary, DoWR, RD & GR, MoJS*



*Photo.8: Video Message from Hon'ble Cabinet Minister Shri. C.R. Paatil, MoJS*



*Photo.9: Vote of Thanks by Dr. Prabhat Chandra, Additional Director, CWPRS*



*Photo.10 : National Anthem at the end of the Inaugural ceremony*



*Photo.11: Inauguration of the Exhibition by the Chief Guest*



*Photo.12: S.N. Gupta Memorial Lecture by Dr. Richa Ojha*



*Photo.13: Keynote Lecture by Shri J Chandrashekhar Iyer, Former CWC Chairman*



*Photo.14: Presentation during a Technical Session*



*Poto.15: View of Gala Dinner*



*Photo.16: View of Gala Dinner*



*Photo.17: Presentation during a Technical Session*



*Photo.18: Presentation during a Technical Session*



*Photo.19: A view of the Special Invitees and Audience*



*Photo.20: Welcome of chief guest during the valedictory Function*



*Photo.21: Concluded the HYDRO 2024 with the National Anthem*



*Photo.22: A group photograph after the valedictory Function*



# Draft Minutes of the Twenty-Ninth General Body Meeting

The 29<sup>th</sup> Annual General Body meeting of The Indian Society for Hydraulics (ISH) was held on 18<sup>th</sup> December 2024 at 1800 hrs, during the HYDRO-2024 International conference held at CWPRS, Pune. About 60 members attended the meeting. The meeting was chaired by Prof. H.L. Tiwari, vice-President, ISH.

## 1.0 Confirmation of the Minutes of the Twenty-Eight General Body Meeting

The minutes of the 28th General Body meeting held on 21<sup>st</sup> December 2023 at NIT, Warangal circulated to the members through the ISH Newsletter published in January 2024 for kind perusal, comments and suggestions. The minutes were also circulated to members and read out at the meeting and as there were no oral or written comments, the minutes were confirmed.

## 2.0 Secretary's Report:

ISH Executive Committee met thrice (hybrid mode) during the year 2024 to discuss various issues.

The present status of the membership is as below:

Life members	:	Sr.No.1680 - 296 (Responded in online form)
Fellow Members	:	99
Corporate Members	:	1
New members Joined in 2024	:	68

During the last one year, the ISH Life membership has increased by 68 which is significant progress. ISH secretariat will be sending an updated list of life members during the first quarter of 2025 to Taylor & Francis (T&F). We are getting good response from T&F regarding update of membership and online access facilities.

The secretary reported that despite sending multiple emails and posting the request on the website for the past six to seven months, only 296 data updates have been received.

### ❖ ISH News Letter January & July 2024:

The ISH Newsletters for January & July were published and has been uploaded on ISH website under the Publication TAB.

### ❖ ISH EC members and Office bearers Elections for 2024 - 2026

Secretary informed that the ISH EC Election 2022-24 process started as per schedule. Shri , A.A. Purohit, Scientist - E, CWPRS, Pune was appointed as the Election Officer (EO) to conduct the election process. Secretary Readout the report submitted by the Election Officer. The EO has declared the following members elected to the Executive Council of The Indian Society for Hydraulics for the period 2024 - 2026:

Table "A" : List of Members elected for ISH EC for the period 2024-26			
Sr. No.	ISH Mem No.	Nominees of ISH Executive Council 2024-2026	Remarks
1.	139	Prof. M.C. Deo	Elected
2.	325	Dr. J.D. Agrawal	Elected
3.	558	Shri M.K. Verma	Elected
4.	477	Dr. A.K. Singh	Elected
5.	488	Shri V.K. Shukla	Elected
6.	348	Shri B.S. Sundar Lal	Elected
7.	384	Shri Kuldeep Malik	Elected
8.	495	Dr. Eldho T.I.	Elected
9.	389	Prof. P.L. Patel	Elected
10.	300	Dr. L.R. Ranganath	Elected
11.	678	Dr. H.L. Tiwari	Elected
12.	443	Prof. V. Jyothiprakash	Elected
13.	692	Prof. D.G. Regulwar	Elected
14.	630	Prof. Vikas Garg	Elected
15.	918	Dr. Balaji Ramakrishnan	Elected

**The following members are Ex-Officio members as per the ISH Constitution.**

- I. Dr. R.S. Kankara, Director, CWPRS, Pune (Past President)
- II. Shri Amit Kulhare, CWPRS, Pune (Past Secretary)

**The following Office Bearers (2024 - 2026) were elected unanimously during the EC meeting.**

<b>President</b>	:	<b>Prof. P. L. Patel</b>
<b>Vice President</b>	:	<b>Prof. H. L. Tiwari</b>
<b>Vice President (Pune)</b>	:	<b>Dr. J. D. Agrawal</b>
<b>Secretary (CWPRS)</b>	:	<b>Shri Amit Kulhare</b>
<b>Joint- Secretary (CWPRS)</b>	:	<b>Shri V.K. Shukla</b>
<b>Treasurer (CWPRS)</b>	:	<b>Dr. A.K. Singh</b>
<b>Chairman Editorial Board</b>	:	<b>Prof. M. C. Deo</b>
<b>Co- Chairman Editorial Board</b>	:	<b>Prof. V. Jothiprakash</b> <b>Prof. T.I. Eldho</b>

**As per the suggestion of EC members following members have been co-opted unanimously**

- Prof. K. K. Khatua
- Dr. R.G. Patil
- Prof. S. A. Sannasiraj

❖ **ISH Awards Committee 2024-2026**

ISH Executive Council unanimously nominated the following members to the ISH Award Committee for the period 2024 - 2026:

**I. S.N. Gupta Memorial Lecture**

- Prof. H.L. Tiwari
- Dr. L.R. Ranganath
- Prof. T. I. Eldho

**II. ISH R J Garde Life Time Achievement Award**

- Dr. R. S. Kankara
- Prof. R. Balaji
- Prof. P.L. Patel

**III. Prof. R J Garde Young Researcher Award**

- Prof. H.L. Tiwari
- Prof. V. Jothiprakash
- Prof. D.G. Regulwar

**IV. Best M Tech Thesis award in three categories, viz Hydraulics, Water Resources and Coastal Engineering**

- Dr. J.D. Agrawal
- Prof. K.K. Khatua
- Shri V.K. Shukla

**V. Best Ph D Thesis Award**

- Prof. H.L. Tiwari
- Prof. V. Jothiprakash
- Prof. D.G. Regulwar

**VI. Award for Best Paper (Maritime Hydraulics) Presented in Annual HYDRO Conference**

- Directly taken from the host Institute and seems to be final.

**VII. Jal Vigyan Puraskar (Best paper in ISH Journal)**

- Prof. M.C. Deo
- Prof. V. Jothiprakash
- Prof. T. I. Eldho

## VIII. ISH Journal Reviewer Award 2024

- Directly nominated by Editorial Board

## IX. G.M.NawathePuraskar (Best Paper Presented in HYDRO 2023)

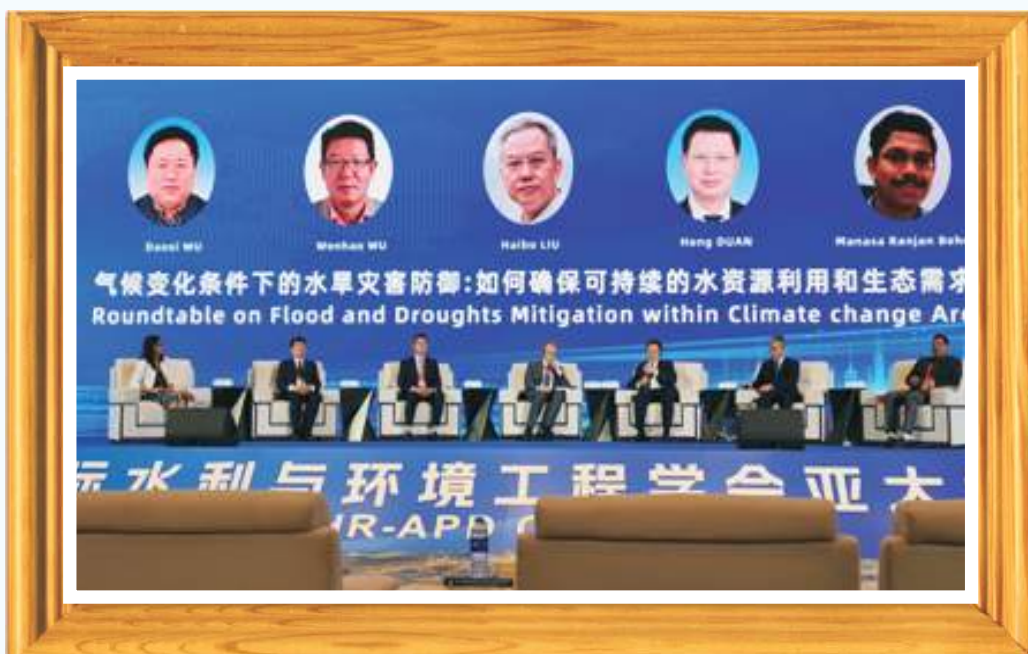
In the Experimental Category - & In the Analytical Category.

- Directly taken from the host Institute and seems to be final.

### ❖ Invitation to Roundtable and IAHR Institutes Meeting at APD Congress (Wuhan, October)

Secretary informed GB that ISH had received an invitation for a speech at the Roundtable (a plenary session on the morning of the opening day), during 24<sup>th</sup> IAHR-APD Congress in Wuhan, which was attended by leaders of national water-related associations and societies in various countries in the Asia Pacific region.

Prof. Manas Behra attended the round table and discussed about ISH activities in India.



*Photo: A view of a plenary session of the opening day during 24<sup>th</sup> IAHR-APD Congress in Wuhan*

### v Global Water Innovation Report: Priorities for Research, Engineering, and Development

Secretary Amit Kulhare mentioned that the ISH was invited to contribute to the first Water Innovation Report as all the partner associations of IAHR. Prof. P.L. Patel, the President, had shared this note with several organizations, including the Director of CWPRS, Director of NIH, Chairman of CWC, CWC members, R&D personnel at CWC, Prof. Sundar, Prof. S.A. Sannasiraj, Head, Civil Engineering at IIT KGP, Head of Civil Engineering at IIT Madras, Chairman of the Department of Civil Engineering at IISc, Bangalore and S K Jain, IIT Roorkee. In response we have received several suggestions and in October, a compiled reply has been sent for inclusion.

---

## ISH Lifetime Achievement Award

*Shri PRAMOD B. DEOLALIKAR*

Ex- Joint director, CWPRS and former President ISH

---

## S.N. Gupta Memorial Lecture

*Dr. RICHA OJHA*

Associate Professor in Department of Civil Engineering, IIT Kanpur

---

## Prof. R.J. Garde Research Award

*Dr. MANISH PANDEY*

Assistant Professor in Department of Civil Engineering, IIT Kharagpur

---

## ISH Journal Reviewer Award

*1. Prof. SOMENDRA MAZUMDER*

Former professor at Delhi College of Engg. (DTU)

*2. Prof. NAYAN SHARMA*

Former professor at IIT Roorkee

---

## Jal Vigyan Puraskar (Best paper in ISH Journal)

*1. K. P. INDULEKHA, P. K. JAYASREE AND K. BALANB (2023)*

*Paper Title:*

Laboratory investigation of flow and turbulent characteristics around permeable and impermeable groynes in a strongly curved meandering channel,

ISH Journal of Hydraulic Engineering, 2023, VOL. 29, NO. 5, 581-591

---

## ISH Best Ph D thesis award (Shared)

1. *Dr. VISWESHWARAN RAMESH*

### *Thesis Title*

Improving the Performance of Hydrological Models Using  
Efficient Assimilation Strategies.

2. *Dr. SHUBHAM MURALIDHAR JIBHAKATE*

### *Thesis Title*

Flood Hazard and Risk Assessment for Coastal Urban Flood Plain  
Using Hydrodynamic Modelling.

## ISH Best M Tech thesis Award (Hydraulics)

No Nomination received

## ISH Best M Tech thesis Award (Water Resources)

No Nomination received

## *G.M. Nawathe Puraskar (Best Paper Presented in HYDRO 2023)*

### 1. **Experimental Category:**

**Paper ID 127**

**Authors Name : *NAMAN ARORA, ARUN KUMAR AND SUNIL KUMAR SINGHAL***

Paper Title: *Hydro-Abrasive Erosion in Kaplan Turbine: A Case Study.*

### 2. **Analytical Category :**

**Paper ID 501**

**Authors Name *VIKAS POONIA AND LIXIN WANG***

Paper Title: *Seasonal distribution of flash drought events and their impact on terrestrial ecosystem over Indian river basins.*

**Paper ID 263**

**Authors Name : *SANJUKTA DAS AND T I ELDHO***

Paper Title : *Groundwater remediation using Meshless Local Petrov Galerkin (MLPG) simulation coupled with Differential Evolution (DE).*

## v Donation Received

The ISH society expresses its sincere appreciation to **Shri Pramod B. Deolalikar, Dr. Manish Pandey, and Prof. Vikas Poonia** for their generous donation of prize money towards the welfare of the ISH society and its initiatives.

### 3.0 Treasurer's Report

#### 3.1 Auditor report 2023-24

During 2023-24, ISH has associated with the international conference HYDRO 2023 organized by NIT, Warangal. From the organizers of HYDRO 2023, ISH has received contribution of ₹2.0Lakh towards the welfare of the society. Apart from ₹2.06 Lakh received from ISH life and fellow memberships, ISH has also received about ₹2.40Lakh from bank interests. Also, ISH has received Royalty from Taylor and Francis ₹2.24 Lakh.

So, at the end of financial year 2023-24 i.e. as on 31<sup>st</sup> March 2024, ISH had total income of ₹8.7 Lakh.

#### **During current year following are the major expenses incurred till date.**

Since last GB meeting held in December 2023, major expenses were made towards HYDRO 2023 conference for awards and Trophy about ₹1,00,000/-.

An invoice of ₹3,80,428/- and ₹4,25,300/- has been received from T&F for issues of ISH journal. And for the same, payment has also been made.

As of 18th December 2024, ISH is having a balance of ₹2,51,926/- in the saving account. And ₹39,05,223/- in the form of Fixed Deposits in the Canara Bank. So, the total corpus of ISH is ₹41,57,149/- (Rupees Forty one lakh fifty seven thousand one hundred and forty nine only).

#### 3.2 Position of ISH Deposit

Fixed deposits which attained the maturity period have been renewed and re-deposited in the same bank and details are in Annexure-II.

#### 3.3 Budget for year 2025-2026

The budget for 2025-26 was submitted and details are enclosed in Annexure III for the approval of the GB.

The Audited accounts for the year 2024-2025 and the Budget for the year 2025-26 were approved by the General body.

#### 4.0 Editor's Report

Prof M. C. Deo, Chairman, ISH-JHE Editorial Board, briefed the status of ISH Journal publication.

The Chairman of the Editorial Board of ISH Journal of Hydraulic Engineering (TISH), Prof. M C Deo, mentioned that all five issues of the Journal's current-year volume (no. 30) have already been published. These issues include around 65 research articles/reviews/discussions totaling to about 757 printed pages. The paper acceptance rate is 33 %. He highlighted that, as commonly observed in the past, the most cited articles are different than most viewed ones, although both have their place in a Journal and that is necessary since the citations sometimes can go up much later after the initial publication. The most cited articles pertain to computing applications such as CFD and ML, although

experiment-oriented ones are also attracting fair amount of mentions in other works. At present the Journal's Scopus CiteScore is 4.3 with resulting placement in the second best or Q2 category; SNIP is 1.315 and SJR is 0.473.

### 5.0 Proposals received for hosting HYDRO 2025 International

Two proposals were submitted for hosting the HYDRO 2025 conference, one from NIT Rourkela and the other from IIT Indore. Prof. K.K. Khatua put forth a proposal for NIT Rourkela, while Prof. Manish Kumar Goyal proposed hosting the event at IIT Indore.

Both Prof. K.K. Khatua from NIT Rourkela and Prof. Priyank Sharma from IIT, Indore, presented their proposals to the Governing Body (GB). Following a brief discussion, the GB approved the proposal from NIT Rourkela to host HYDRO 2025, as well as the proposal from IIT Indore for the hosting HYDRO 2026.

### 6.0 Any other points

During the meeting concerning active membership data, the revision of the T&F agreement was addressed. The Secretary noted that the survey link had been disseminated among ISH members on two occasions via email, the WhatsApp Group, and was also made available on the website. This outreach was aimed at active members utilizing the T&F platform for online access to ISH journals. However, only approximately 130 responses were collected. It was unanimously agreed that the updated list derived from the survey would be provided to T&F for online access services starting next year along with new members added after the survey.

**The meeting concluded with vote of thanks to the Chair.**

**President**  
**ISH, Pune**

**Secretary**  
**ISH, Pune**

### Annexure - I

NAME OF THE PUBLIC TRUST : THE INDIAN SOCIETY FOR HYDRAULICS BALANCE SHEET AS AT 31 March 2024					
		(In Rs)			
Liabilities	Note	31 March 2024	Assets	Note	31 March 2024
Trust Fund or Corpus:-			Fixed Assets	4	52,315
Balance as per Last Balance Sheet		24,39,985	Long Term Investments	5	30,01,775
Life Membership Fees received during the year		-	Long Term Loans and Advances	6	1,27,030
Jidd: Corpus Donations		24,39,985	Deposits		-
Other Accumulated Funds:-			Cash and Bank Balance	7	9,24,131
(Invested under the provision of the trust deed or scheme or out of the Income)	1	5,40,500	Other Current Assets	8	67,843
Liabilities					
For Expenses	2	71,200			
For Duties & Taxes					
Branch/Divisions					
Income and Expenditure Account:-	3	21,04,896			
<b>Total</b>		<b>51,05,281</b>	<b>Total</b>		<b>51,05,281</b>

See accompanying notes to the financial statements  
As per our report of even date  
For M R O & Associates  
Chartered Accountants  
Firm's Registration No. 108967W

For The Indian Society for Hydraulics

CA Onkar Rekhawar  
Partner  
Membership No. 151485  
UDIN: 24151485BRANVQ8295  
Place: Pune  
Date: 31 October 2024

NAME OF THE PUBLIC TRUST : THE INDIAN SOCIETY FOR HYDRAULICS INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31 March 2024					
		(In Rs)			
EXPENDITURE	Note	AMOUNT	INCOME	Note	AMOUNT
Indirect Expenses			Indirect Income		
Depreciation	4	40,108	Interest Income	9	2,43,952
Expenditure on objects of the trust - Educational	10	2,59,800	Sponsorship Receipts		6,44,304
Professional Fees	11	53,100			
Other Expenses	12	1,12,093			
Surplus of the Trust		4,14,075			
<b>Total</b>		<b>8,85,096</b>	<b>Total</b>		<b>8,85,096</b>

See accompanying notes to the financial statements  
As per our report of even date  
For M R O & Associates  
Chartered Accountants  
Firm's Registration No. 108967W

For The Indian Society for Hydraulics

CA Onkar Rekhawar  
Partner  
Membership No. 151485  
UDIN: 24151485BRANVQ8295  
Place: Pune  
Date: 31 October 2024



## Annexure - II

THE INDIAN SOCIETY FOR HYDRAULICS											
29th General Body Meeting, during HYDRO 2024 on 18th Dec 2024											
(FIXED DEPOSIT AND SAVING BANK COMPARATIVE BALANCE STATEMENT)											
As on 20-December-2023						As on 18-December-2024					
Canara Bank(S.B A/c No. 25801010000822) Customer ID 50433962						Canara Bank(S.B A/c No. 25801010000822) Customer ID 30433962					
<b>₹ 4,10,884</b>						<b>₹ 2,51,926</b>					
Sr. No.	Name of Bank	Date of Deposit	Date of Maturity	Amount Rs.	Rate of Interest	Sr. No.	Name of Bank	Date of Deposit	Date of Maturity	Amount Rs.	Rate of Interest
1	Canara Bank, Khadakwasla, P.O. R.S., Pune - 411024 (4 FDs)	26-Aug-21	26-Aug-24	800000	5.25%	1	Canara Bank, Khadakwasla, P.O. R.S., Pune - 411024 (4 FDs)	26-Aug-24	26-Aug-27	926000	5.25%
		08-May-22	08-May-25	1663473	5.45%			08-May-22	08-May-25	1663473	5.45%
		07-Mar-22	07-Mar-27	317886	5.50%			07-Mar-22	07-Mar-27	317886	5.50%
		09-Mar-20	09-Mar-26	997864	6.50%			09-Mar-20	09-Mar-26	997864	6.50%
Total FD amount with Canara Bank						Total FD amount with Canara Bank					
<b>₹ 37,79,223</b>						<b>₹ 39,05,223</b>					
Grand Total						Grand Total					
<b>₹ 41,90,107</b>						<b>₹ 41,57,149</b>					
(Rupees Forty one lakh ninety thousand one hundred and seven only)						(Rupees Forty one lakh fifty seven thousand one hundred and forty nine only)					

## Annexure - III

Annexure- III			
INDIAN SOCIETY FOR HYDRAULICS			
BUDGET FOR THE YEAR 2025-26			
Income	Rs.	Expenses	Rs.
Membership Fee Life Member & Fellow Member	150000	Payment for online T&F Journal/Special Issue & Printing charges for Bulletin	450000
Royalty from T&F Journal	100000	Postage	5000
Contribution from Corporate Members	20000	Website charges	15000
Bank Interest on Fixed Deposit	250000	Stationery & Electronic Accessories	5000
HYDRO 2024 Workshops & Seminars	200000	Audit & A/c. writing charges	25000
		Secretarial Assistance charges	30000
		Prizes & Trophies & S N Gupta Memorial Lecture	50000
		Miscellaneous including Transport Expenses for meeting etc.	10000
		Provision for Income Tax	40000
	<b>720000</b>		<b>630000</b>
		<b>Balance Over Year</b>	<b>90000</b>

## General Body Meeting Glimpses



## Members Joined between July 2024- Dec 2024

ISH MEMBERSHIP NO.	NAME	Institute
1657	Dr. Anubhav	NTPC, Joshimath, Camoh, Uttarakhand
1658	Shri Vivek Gupta	NTPC Ltd, Tapovan Vishnugad HPP, Joshimath, Uttarakhand 246443
1659	Shri Akshay Bajirao Pachore	School of Water Resources, IIT Kharagpur, West Medinipur, 721302
1660	Smt. Sanjukta Das	Department of Civil Engineering, IIT Bombay 400076
1661	Dr. Seema Narain	College of Military Engineering, F-Civil, Pune 411031
1662	Shri Baladaniya Kalpesh Bachubhai	Department of Civil Engineering, SVNIT, Surat, Gujarat, India 395007
1663	Dr. Visweshwaran	Postdoctoral Researcher
1664	Shri Manish Gupta	PDCOR LTD. 1st Floor, PTI building, 5-B, Thalana Doongri Institutional Area, Jaipur, 302004
1665	Shri Aniruddha A. M.	MIT Mysore, Belawadi, Srirangapatna, Mandya, Karnataka 571477
1666	Shri Manjunatha R. N.	Dept of Civil Engg, 3rd floor, MIT Mysore, Mandya 571477
1667	Shri Manoj B. R.	Dept of Civil Engg, 3rd floor, MIT Mysore, Mandya 571477
1668	Shri Anant Kumar Nagar	SVNIT, Surat, Ichhanath Circle, Dumas Road, Surat 395007
1669	Shri Arbaaz Aziz Shaikh	Department of Civil Engineering, SVNIT, Ichanath, Surat, Gujarat 395007
1670	Shri Sanjeev Vohra	Chief Engineer (Projects cum Arbitrator), HPSEB, Vidyut Bhawan, Shimla HP 171004
1671	Dr. Richa Ojha	Department of Civil Engineering, IIT Kanpur, Kanpur, Uttarpradesh 208016
1672	Dr Preeti Kulkarni	Associate Professor, Pune
1673	Smt. Sucheta Udaya Dumbre	First Floor, Central Building, Krishna Water Dispute Tribunal, Pune 411001
1674	Shri Nitin Tukaram Sawalkar	VIT Pune, Kondwa Bk, Pune 411048
1675	Dr. Manoj Kumar Diwakar	Department of civil engineering, Malaviya National Institute of Technology, Jaipur, Rajasthan 302017
1676	Pritee Krishna Das	PhD Student
1677	Kirtisuta Bhoi	Civil Engg. Dept. VSSVT Burla, Sambalpur, Odisha 768018
1678	Shri Gerosh Kumar	Office of The Chief Hydrographer, Govt. of Kerala, TVPM 695009
1679	Dr. Faisal Ahmad	ICED, IIT Roorkee, Uttarakhand 247667
1680	Dr. Tinesh Pathania	Dept of Environmental Science and Engineering, IIT (ISM) Dhanbad 826004
1681	Dr. Bandita Barman	Dept of Civil Engineering, IIT (ISM) Dhanbad 826004
1682	Reshma R	HWRE Division, Department of Civil Engineering, IIT Madras 600036
1683	Smt. Shinde Supriya Baban	Anantrao Pawar Collge of Engineering and Research, Parvati, Pune 411009
1684	Shri Chitrasen Tajan	Research and Control Lab, Rourkela Steel Plant, SAIL, Rourkela, Odisha 769011
1685	Dr. Vikas Poonia	Center of Excellence in Water Management, MANIT, Bhopal, M.P. 462003
1686	Dr. Priyamitra Munoth	Department of Civil Engineering, MANIT Bhopal, Link Road No. 3, Near Kali Mata Mandir, Bhopal, M.P. 462003
1687	Shri Indranil Banerjee	Urban Development Bhawan 4th Floor, Near Rabindra Satabarsiki Bhawan, Sakuntala Road, Agartala, Tripura 799001
1688	Dr. Somil Swarnkar	Office-208, Academic Building 4, IISER Bhopal, Bhaury Bypass, Bhopal, M.P. 462066
1689	Shri Rana Kishan Maheshbhai	SVNIT Ichhamath, Surat, Gujarat, India 395007
1690	Shri Sandipkumar V. Rajput	COE-08, Center of Excellence on Water Resources and Flood Management, Department of Civil Engineering, SVNIT, Surat 395007

## Details of Upcoming Conferences

Sr. No	Name Of the Conference	Date	Venue
1	ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC- 2025)	Feb 7, 2025 - Feb 9, 2025	Chandigarh, India
2	The Thirty-fifth (2025) International Ocean and Polar Engineering Conference	June 1-6, 2025	Rhodes, Greece
3	41 <sup>st</sup> IAHR World Congress "Innovative Water Engineering for Sustainable Development	Jun 22, 2025 - Jun 27, 2025	Singapore, Singapore
4	14 <sup>th</sup> Symposium on River, Coastal, and Estuarine Morphodynamics, RCEM2025	1-5 September 2025	Barcelona, Spain
5	6 <sup>th</sup> International Symposium on Shallow-Flows (ISSF 2025)	Sep 15, 2025 - Sep 18, 2025	Turin, Italy
6	30 <sup>th</sup> International Conference on Hydraulics, Water Resources, River and Coastal Engineering (HYDRO 2025)	2025 December	NIT, Rourkela, INDIA
7	13 <sup>th</sup> International Conference on Fluvial Hydraulics (River Flow 2026)	Jun 30, 2026 - Jul 4, 2026	Thessaloniki, Greece
8	31 <sup>st</sup> International Conference on Hydraulics, Water Resources, River and Coastal Engineering (HYDRO 2026)	2026 December	IIT, Indore

*Wishing You all*

*Happy*  
**New Year**  
**2025**

**The Indian Society for Hydraulics**

as a body accepts no responsibility for the statements made by individuals.

**Amit Kulhare**, Secretary,

on behalf of the Indian Society for Hydraulics,

Phone No. 020-24103483

C/o. CERC Bldg. Room No.104,

Central Water & Power Research Station (CW&PRS), PO. Khadakwasla, Research Station,

Pune - 411 024 (Maharashtra), India Email : secretary@ish.net.in

**ISH-NEWS**

**THE INDIAN SOCIETY FOR HYDRAULICS**

Website : <https://ish.net.in/> | E-mail : secretary@ish.net.in