



Indian Plumbing Association to Host the 31st Indian Plumbing Conference & Exhibition in the City of Joy

- **The Theme Of 3 Days Conference Would Be ‘Sustainable Smart Water Management’**
- **Four Point Charter Related To Water To Be Given To The Government Of West Bengal**

Kolkata, 31st October, 2025: The **Indian Plumbing Association** will be hosting the **31st Indian Plumbing Conference (31st IPC)** from **13th to 15th November 2025** at **Biswa Bangla Mela Prangan (Milan Mela), Kolkata**, where they would be bringing in together key stakeholders from India’s water, infrastructure and construction sectors to address one of the most critical challenges of our time - **Sustainable Smart Water Management**. The conference will be focussing on innovative and actionable approaches to tackle India’s escalating water stress, particularly in the context of rapid urbanization and infrastructure expansion.

The Indian Plumbing Conference is coming back to Kolkata after 9 years and will be inaugurated by **Mr Firhad Hakim, Hon’ble Cabinet Minister of Urban Development and Municipal Affairs and Housing, Govt. Of West Bengal**.

Mr Aniruddha Roychoudhury, acclaimed Indian film director, unveiled the **Mascot** for the **Conference**, today, in the presence of **Mr Gurmit Singh Arora, National President along with Mr Chandra Shekhar Gupta, National Vice President, Mr Minesh Shah, National Hon. Secretary, Mr Abhay Pasari, IPA Kolkata Chapter Chairman and Mr Pradeep Chakravarti, IPA Kolkata Chapter Vice Chairman**, were present for the occasion.

As of January, 2025, over 17.59 billion square feet of built-up area was under development across more than 55,000 projects, highlighting the growing demand for water in urban environments. The built environment alone - accounting for approximately 10% of India’s total water consumption - has been projected to see a demand rise by 50% by 2030. This makes smart water management integrating technology, design, and behaviour change - not just essential, but urgent.

“India is currently grappling with one of the world’s most severe water crises. India is home to 18% of the world's population, but only has 4% of the world's fresh water. Around 600 million people across the country are exposed to high to extreme water stress, and per capita water availability is nearing the water scarcity threshold of 1,000 cubic meters per person. Major cities such as Delhi, Bengaluru, Chennai and Hyderabad are projected to face complete depletion of groundwater by 2030. In parallel, rapid urban growth and a booming construction sector have been placing enormous pressure on water resources”, said **Mr Gurmit Singh Arora, National President, Indian Plumbing Association**.

He further mentioned that the Government of West Bengal has encouraged the development of Green Certified buildings, resulting in an increase in sustainable infrastructure that uses fewer resources and is



more energy- and water-efficient. Given the Indian Plumbing Association (IPA) charter to the Government of West Bengal:

that water is a scarce and vital resource, would be placing the following 4 points

- 1) That the Government mandates the installation of low-flow plumbing fixtures and fittings (such as taps, showers, and basin mixers) and low-flow sanitary ware in accordance with IS 17650 Part 1 and 2 across all buildings. This measure can help achieve 45% - 50% water savings at the source, thereby reducing the volume of wastewater generated.**
- 2) That the Government make it compulsory for all buildings to undergo a Water Audit to assess their water consumption and identify opportunities for conservation and efficiency improvement.**
- 3) That the Government require the treatment and reuse of all used water (both black and grey water) in commercial and residential buildings to promote sustainable water management.**
- 4) Furthermore, the Indian Plumbing Association (IPA), being a non-governmental organization, requests to become a partner to the Government of West Bengal in conducting these water audits and implementing water conservation initiatives.**

A revised 2025 edition of the code - **Water Efficiency and Sanitation Standard for the Built Environment (We Stand- India)** will also be released on the inaugural day of the conference by the chief guest. The code has been jointly formulated by the **Indian Plumbing Association (IPA)** and the **International Association of Plumbing and Mechanical Officials (IAPMO)**. IAPMO-USA is a globally recognized body dedicated to developing safe and sustainable plumbing and mechanical codes and standards.

On the 15th November, 2025 the last day of the conference, Indian Plumbing Association will be conducting the Grand Finale of the 9th edition of **Indian Plumbing Professional League 2025 (IPPL)** where winners from 16 pan India chapters will be competing and the national winners will be awarded worth **Rs. 6 Lacs**. **IPPL** is a knowledge-sharing and skill-enhancing competition held annually across IPA chapters, fostering awareness of best plumbing practices. **IPPL 2025** was jointly held in association with **National Skill Development Corporation (NSDC)**.

The conference will be deliberating on topics such as real-time water monitoring through AI and IoT, innovations in wastewater treatment and water circularity, road to water-neutral buildings and plumbing design challenges in high-rise structures. These sessions would be led by renowned experts, senior policymakers, and industry leaders who would be sharing policy insights and technical solutions. The main emphasis of the deliberations would relate to “Sustainable Smart water management”, on the theme of the conference, to achieve the objectives of India’s **Jal Jeevan Mission** and **AMRUT 2.0**, ensuring long-term water security, enhancing urban resilience and contributing meaningfully to the **United Nations Sustainable Development Goals (SDGs)** as well.

Eminent and learned speakers to attend the conference are **Mr Milind Deore**, Secretary, Bureau of Energy Efficiency, Ministry of Power; **Mr Rohit Kakkar**, Deputy Adviser, CPHEEO, Ministry of Housing and Urban Affairs; **Mr G Asok Kumar**, IAS (Rtd) former Director General, National Mission for Clean Ganga; **Mr Avinash Mishra**, Former Adviser, NITI Aayog; **Mr MK Sinha**, Former Chairman, Central Water Commission and **Mr Sushil Mohta**, Chairman and Managing Director, Merlin Group. **Ar. Shakuntala Ghosh**, Principal Architect and Partner, Ghosh Bose and Associates, **Mr Apurva Salarpuria**, Managing Director, Salarpuria Group, **Dr Asis Mazumdar**, Professor, Jadavpur university, **Ms Shreya Khurana**, Programme Associate, Water & Environment, National Institute of Urban Affairs, **Mr HC Vinayaka**, Vice President, Technical, EHS & Sustainability, ITC Hotels, **Mr Prem Thakur**, Vice President & Head, Design and Technical Services, Taj



Group, **Mr Anand Neotia**, Director, Orbit Technology Officer & Chief Digital
Yashasvi Shroff, Executive & Marketing Director, Alcove Group amongst others.

Group, **Mr Arjun Bhattacharya**, Chief Officer, Ion Exchange (India) Ltd. & **Mr**

The 31st IPC promises to be a landmark event for professionals shaping India's urban landscape - including real estate developers, architects, engineers, policymakers, sustainability advocates, and infrastructure consultants. With its convergence of innovation, policy, and implementation, the conference redefined the roadmap for smart plumbing and sustainable water management in India. A concurrent **exhibition** will also be showcasing modern technologies of water, sanitation and plumbing products by spreading over **5500 sqm** with **75+ exhibitors** and **50+ experts**.

About Indian Plumbing Association (IPA)

The Indian Plumbing Association (IPA) is India's premier national body dedicated to elevating water, sanitation and plumbing planning, executing and practicing in promoting efficiency, fostering innovation, and championing sustainability. With 28 Chapters across India and a legacy of organizing the very many programmes since 2003, IPA continues to be the driving force behind India's water, sanitation and plumbing excellence.

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