



For Immediate Release

Entrepreneurs from India Earn Places in Annual ASME ISHOW Cohort with Accessible Clean Water, Sanitation, and Agricultural Technology Innovations

NEW YORK (April 6, 2023) – The American Society of Mechanical Engineers (ASME) has announced the regional winners of the 2023 ASME Innovation Showcase ([ISHOW](#)), the prestigious international accelerator of hardware-led social innovation. Eight social ventures from across India presented their design prototypes at [ASME Innovation Weekend India](#) held April 1-2 at PES University in Bengaluru, an event that brought together ASME’s signature ISHOW, Mechanical Engineering Education (MEEd) Summit, Engineering for Change (E4C), and EFX student festival programs as a unique opportunity to engage with India’s academic, entrepreneur, and student engineering communities. Three of these ventures emerged as regional ISHOW India winners who will share \$30,000(USD) in seed grants and receive technical support to help bring their design innovations to market.

The 2023 ASME ISHOW India winners are:

- [Nimble Vision Pvt. Ltd.](#) (Bengaluru, India) for its “Ni-The Smart Manhole Monitor” – an IoT solution that monitors each manhole across a city, providing live status with sewage level, plus analytics on sewage flow for an entire day with geo location, quality, and warnings on possible overflow
- [Thermistance](#) (Pune, India) for its “Passive cooled high-power LED” technology – a solution for horticulture applications that is light weight, energy efficient, sustainable, long lasting, and affordable
- [Watsan Envirotech Pvt. Ltd.](#) (Chennai, India) for its “Watsan Natural Water Purifiers” innovation – designed to provide affordable, zero-electricity, zero-waste natural water purifiers.

The ISHOW awards ceremony capped off ASME Innovation Weekend India, which featured a keynote address by Guest of Honor Dr. S. Somanath, Chairman, Indian Space Research Organization (ISRO), as well as remarks from ASME Executive Director/CEO Tom Costabile and ASME Chief Strategy Officer Michael Johnson.

“We are proud to offer a forum for engineering problem-solving that truly improves lives,” says Costabile. “And we are so pleased to have met in person in India once again, where ASME has been active for the past 15 years. We are continually impressed by the creative talent of ASME ISHOW participants, their focus on sustainable solutions, and their passion for helping underserved communities around the world.”



In addition to the three grand prize winners, the product with the most votes in social media for each regional ISHOW event is named the “Fan Favorite,” and receives \$1,000 (USD). This prize is made possible and in memory of Byron G. Schieber Jr. M.S., PE, Professor Emeritus QCCNY, and Ruth L. Schieber. The 2023 ISHOW India “Fan Favorite” winner is [Illuminar Ventures Pvt. Ltd.](#) (Nagpur, India) for its “Smart Retrofitting Kit” – an affordable kit that converts any existing motorcycle variant below 200cc to electric with new electric mobility features and the ability to travel up to 150km at Rs. 0.15 (\$0.0018) per km on a single charge with zero emissions.

More information on the ISHOW India 2023 finalists can be found on the [ASME ISHOW website](#). ASME will host two more regional events in the coming months: ISHOW Kenya online in June; and ISHOW USA in July.

The prestigious ASME ISHOW hardware accelerator is open to individuals and organizations taking physical products to market that will have a positive social and/or environmental impact and that improve the quality of life around the world. To date, ISHOW has enabled over 200 startups from more than 30 countries to solve critical quality-of-life challenges for vulnerable populations worldwide. ISHOW alumni have developed affordable devices to address issues including clean combustion, crop threshing, fetal health, food waste prevention, health diagnostics, safe drinking water, and many more that address the [United Nations’ Sustainable Development Goals](#).

ASME ISHOW annually matches 24 carefully selected innovators with appropriate experts to ensure that the proposed hardware solutions are technologically, environmentally, culturally, and financially sustainable. The 2023 ASME ISHOW India judges and facilitators include experts in

research, mechanical engineering and product design, manufacturing, startup financing, supply chain, and business strategy, representing organizations including Stanley Black & Decker, Boeing, Sangam Ventures and more. These subject matter experts provide technical and strategic guidance based on ISHOW's five key pillars: customer/user knowledge, hardware validation, manufacturing optimization, implementation strategy, and sustainability/impact.

ASME is grateful to [The Lemelson Foundation](#) for its continued support of the ISHOW with a three-year strategic investment and to ISHOW implementation [partners](#) around the globe. Learn more about ISHOW's global impact in this [dynamic dashboard](#).

Hear from the [ISHOW 2022 cohort](#) about their experiences. Follow the journeys of ISHOW alumni including [PayGo Energy](#), [PlenOptika](#), [Himalayan Rocket Stove](#), [SAYeTECH](#) and others [here](#).

   @ASMEISHOW #ISHOW23 #ThisIsHardware

About ASME

ASME helps the global engineering community develop solutions to real world challenges. Founded in 1880 as the American Society of Mechanical Engineers, ASME is a not-for-profit professional organization that enables collaboration, knowledge sharing, and skill development across all engineering disciplines, while promoting the vital role of the engineer in society. ASME codes and standards, publications, conferences, continuing education, and professional development programs provide a foundation for advancing technical knowledge and a safer world. In 2020, ASME formed the International Society of Interdisciplinary Engineers (ISIE) LLC, a new for-profit subsidiary to house business ventures that will bring new and innovative products, services, and technologies to the engineering community, and later established the holding company, Global Knowledge Solutions LLC. In 2021, ASME launched a second for-profit subsidiary, Metrix Connect LLC, an industry events and content platform to accelerate Additive Manufacturing in the engineering community. For more information, visit www.asme.org.

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About the ASME Foundation

The ASME Foundation is the philanthropic arm of the American Society of Mechanical Engineers, supporting an array of programs in three core pillars: engineering education, career engagement, and global development. With the goal of empowering tomorrow's technical workforce, the ASME Foundation advances equitable access both to professional opportunities and to engineering innovations that improve quality of life. For more information, visit www.asmefoundation.org.

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