For Immediate Release

Eight Entrepreneurs Selected as Regional Finalists in India for Premier Social Innovation Accelerator, Held Virtually May 10-18

Access to education, affordable healthcare and agricultural technology, and clean energy solutions among issues addressed by 2022 ASME ISHOW regional finalists

NEW YORK (May 4, 2022) – The American Society of Mechanical Engineers (ASME) has announced the regional finalists of the 2022 ASME Innovation Showcase (ISHOW), the prestigious international accelerator of hardware-led social innovation. Eight teams of social innovators from throughout India will present their design prototypes and participate in an extensive design and engineering review in a virtual event beginning May 10. Three regional winners will be announced in a **virtual awards ceremony on Wednesday, May 18 at 9:30am EST/7:00pm IST**, featuring a keynote address by Satya Prakash Dash, a leader in the biotech entrepreneurial ecosystem in India. Register here.

The ISHOW India finalists, whose innovations address issues including access to education, affordable healthcare and agricultural technologies, and clean energy solutions, will vie for a share of $30,000 in seed grants and technical support to help bring their design innovations to market for the benefit of underserved communities. Judges and facilitators include experts in research, mechanical engineering and product design, manufacturing, software development, startup financing and business planning.

The regional finalists are:

- **Inochi Care Pvt. Ltd.** (Delhi, India) for its "InoHeal" solution – a multi-therapeutic wound healing technology that creates and maintains the optimum healing environment at the wound site, stimulating the biological responses leading to improved wound healing outcomes
- **JumpStream Technologies** (Mumbai, India) for its "JumpToPC (J2PC)" – India's first ultra-affordable home computer and digital learning platform that, combined with the country's low-cost mobile data and installed base of nearly one billion smartphones by 2025, works with a family's existing smartphone and television (even CRTs) to help them learn and practice digital skills needed in the modern economy
- **Living Things** (Mumbai, India) for its "LT AIRCON" innovation – helps users save energy on air conditioner consumption using a proprietary algorithm
- **Open MedDev** (Bengaluru, India) for its "InsuFlo" – an affordable, open-loop insulin pump for type-1 diabetic patients in resource constrained settings

- **Prayogik Technologies Pvt. Ltd.** (Bhopal, India) for its "TMSG-DC (Thermoelectric Module Static Generator DC Power)" – which generates electrical power by converting heat energy directly into electricity
- **Suryanirbhar Agritech LLP** (Bengaluru, India) for its "Suryanirbhar electric agricultural implements" – low-power battery-operated (solar or grid charged) agricultural implements for critical inter-row, inter-crop farm activities including de-weeding, inter-cultivation, ridging, tilling, and spraying, all using one machine and saving smallholder farmers up to 60% of total input cost per crop cycle
- **ThinkRaw India Pvt. Ltd.** (New Delhi, India) for its "DHIVARAMITRA" innovation – an integrated solar power-operated floating device for fish and prawn farming that helps in the uniform distribution of feed and maintains uniformity of dissolved oxygen level and desired pH level in a body of water
- **TinkerTech Laboratories Pvt. Ltd.** (New Delhi and Mumbai, India) for its "TranscribeGlass" device – an affordable, comfortable, wearable device that projects closed captions from a variety of sources onto a heads-up display in the wearer's field of view.

"We are proud to offer a forum for engineering problem-solving that truly improves lives," said ASME Executive Director/CEO Tom Costabile. "We are continually impressed by the creative talent of ASME ISHOW participants and their passion for helping underserved communities around the world."

Virtual ISHOWs will be held for finalists from Africa (ISHOW Kenya), June 14-22, and for the Americas (ISHOW USA), July 19-27.

In addition to the three regional winners, the product with the most votes in social media for each regional event will be named the "Fan Favorite,'' and those finalists will receive $1,000 each. Follow @ASMEishow on Twitter for more details. The fan favorite prize is made possible and in memory of Byron G. Schieber Jr. M.S., PE, Professor Emeritus QCCNY, and Ruth L. Schieber.

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 180 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. ASME's panel of judges and experts includes successful entrepreneurs, academics, engineers, designers, investors, and industry representatives from leading organizations in India, Kenya, the United States, and beyond. These subject matter experts provide technical and strategic guidance based on ISHOW's four key pillars: customer/user knowledge, hardware validation, manufacturing optimization, and implementation strategy.

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 2021 cohort about their experiences. Follow the journeys of ISHOW alumni including PayGo Energy, PlenOptika, Himalayan Rocket Stove, SAYeTECH and others here.

@ASMEISHOW #ISHOW22 #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 digital transformation in the engineering community and an agent for the Mechanical Engineering® *brand of media products. For more information, visit www.asme.org.*

@ASMEdotorg

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.

###

Media Contact:

Monica Shovlin
MCShovlin Communications LLC (for ASME)
monica@mcshovlin.com
+1.541.554.3796