

# FOUNDATION FORWARD

Bridging Gaps, Building Tomorrow

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## LETTER FROM THE DEPUTY DIRECTOR'S DESK

Dear Readers,

As we bring you the second edition of the ASME Foundation India newsletter, we are proud to reflect on the strong momentum built over the past few months.

From hosting EFx India 2025 at REVA University, which saw the first-ever e-HPVC competition held in India, to advancing critical dialogues through the MEd Regional event at CSIO Chandigarh on sustainable manufacturing, this quarter has demonstrated how purposeful engineering can truly transform communities.

We also celebrated innovation at ISHOW India, where seven outstanding hardware-led ventures pitched impactful solutions and three awardees were selected to join ASME's global accelerator program. On International Women's Day, we proudly launched the ASME India Women in Engineering Section, reaffirming our commitment to diversity and inclusion in the field.

In this edition, we're excited to share key highlights, inspiring stories, and the expanding reach of our work. Thank you for your continued support in helping us engineer a more equitable future for all.

**Avni Malhotra**

**Deputy Director, ASME Foundation India**



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## PHILANTHROPY

### Driving Change, Empowering Women: Where Innovation Meets Social Impact

- Grant agreements have been signed with two project partners - Sarvo Prayas Sansthan (SPS) and Nav Bihar Samaj Kalyan Kendra (NBSKPK) - for the **Sabji Kothi** project.
- The project has been **launched at two locations: Deari (Vaishali) and Rahika (Madhubani)**, where **10 Sabji Kothi units** will be distributed to **10 women-led self-help groups (SHGs)** at each site.
- A **one-day training program** was conducted for SHGs prior to distribution **to ensure smooth operation of the units.**
- So far, training has been **completed for five SHGs**, with sessions for the remaining 15 SHGs scheduled to take place in May 2025. **(remove second part)**



SHG TRAINING IN BIHAR

### Promoting Integrative Mechanical Engineering Education in collaboration with CSRL

- Between January and April, interactive mechanical engineering education sessions were conducted at **four CSRL centres - Kolkata, Chennai, Guwahati, and Mumbai** - led by **Prof. Prabir Barooah (IIT Guwahati)** and **Prof. Sandeep Saha (IIT Bombay)**.
- To date, the project has been implemented across **eight social impact partner sites**, reaching and **engaging 293 students.**



**CSRL CENTRE FOR GIRLS**  
GUWAHATI & KOLKATA

30

**CSRL CENTRE FOR BOYS**  
CHENNAI

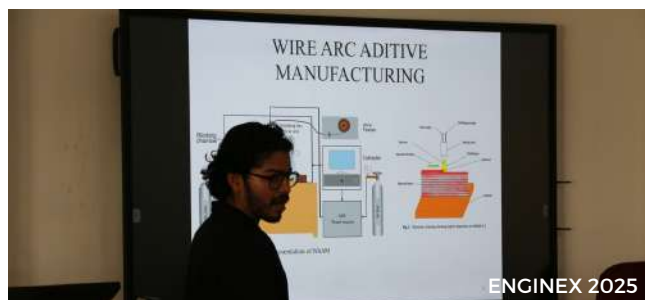
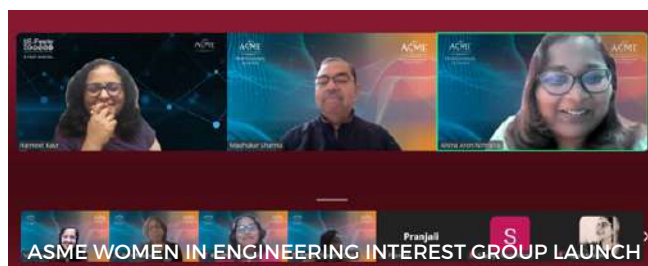
24

**CSRL CO-ED CENTRE**  
MUMBAI

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## SECTIONS IN INDIA

- **Gujarat Section** hosted an **Industry Interaction Session at PDEU, Gandhinagar** on January 17, 2025 with **402 student attendees**.
- **Tamil Nadu Section Annual Meet** concluded on February 1, 2025, at Four Points by Sheraton, Velachery, Chennai, with **31 professionals and 7 students**. The **Chief Guest was Prof. Balaji Ramakrishnan**, Director, National Institute of Ocean Technology, Ministry of Earth Sciences.
- **ASME India Women in Engineering Interest Group** was virtually **launched** on March 8, 2025, with **80 attendees**, aiming to support more women in core engineering.
- **Karnataka Section Annual Meet** concluded on March 27, 2025, followed by a **Professional Masterclass on The Critical Role of GD&T in Engineering and Manufacturing** at REVA University, Bengaluru. The event saw participation from **49 professionals**.
- **Kerala Section** conducted a Project Expo, **ENGINEX 2025**, on March 15, 2025 at Viswajyothi College of Engineering & Technology, Vazhakulam, attended by **157 students**.
- **Chandigarh Section** was **launched** on April 8, 2025, at CSIR-CSIO, Chandigarh, alongside an Engineering Education Seminar on Additive Manufacturing. The event was attended by **121 participants**.
- The **ASME UP & Uttarakhand Region Section** was launched on May 10, 2025. With **20+ attendees** for the event comprising of professionals from academia, industry and entrepreneur ecosystem. The launch witnessed brainstorming discussions for Section initiatives to expand the impact in the region. Headed by Chair, Dr. Rahul Davis.



## NEXT GEN INNOVATION COMPETITIONS

### E-Fest TECH CONNECT (APAC REGION)

ASME E-Fest Tech Connect is a fully digital event featuring career and professional development sessions, along with our flagship digital competitions - attracting over 1,400 registrations in 2025.

Competitions include:

- **Extended Reality Challenge: Autonomous Vehicles**
- **Extended Reality Challenge: Lunar Lander**
- **Technical Digital Poster Competition**
- **Old Guard Graduate Student Video Competition**



- **Engineering Healthcare Innovation: Gopika Ganga Nair** of GE Healthcare India illuminated the vital role of mechanical engineers in advancing MedTech—from breakthrough device design to process optimization—underscoring India’s rising influence in global healthcare solutions.
- **The Leap: Engineering to Entrepreneurship: Manu Bhasuresan** shared insights on the transition from engineer to entrepreneur, inspiring attendees to transform their technical expertise into impact-driven ventures.

### EFx EVENTS



- **EFx Amritapuri** and **EFx GEC Barton Hill** witnessed enthusiastic participation, with **211** of 271 registered students attending at Amrita Vishwa Vidyapeetham, Amritapuri, and **250** of 257 at Government Engineering College, Barton Hill.
- Together, the **two EFx events engaged over 460 students across states**, featuring 9+ ASME-led and impromptu competitions that celebrated engineering innovation and student leadership.





## EFx India 2025:

### Engineering Ideas, Empowering Innovation

- **EFx India 2025**, held at REVA University in Bengaluru, united **over 700 bright engineering minds** from across the country for three days of immersive learning, innovation, and community building. The event was inaugurated by **Mrs. Maria Elena Cardwell**, Director and Chief Engineer of Safety, Airplane Structures, Mechanical, Propulsion and Interiors Stress at Boeing India, who inspired students with her vision of engineering excellence.

For the first time in India, EFX featured the **e-Human Powered Vehicle Challenge (e-HPVC)**, a competition in which students designed, built, and raced their human-powered prototypes.



EFx INDIA 2025

- A vibrant **Cultural Night** brought together participants for an evening of music, dance, and celebration, showcasing the spirit of community and creativity at EFX India 2025.
- **Expert-led masterclasses** equipped attendees with real-world insights and technical skills, blending academia with industry relevance.

[Click here to view the highlights](#)



EFx INDIA 2025

Meet **BOLT**, the official mascot of EFX, symbolizing energy and the spirit of engineering.



EFx INDIA 2025



EFx INDIA 2025

## INDIA'S RISING MEMBER NETWORK

### Early Career Engineering (ECE) Awareness Session

- To support 4th year engineering students in their development as early career professionals, ASME India has organised an exclusive **Awareness Session** designed to highlight **the benefits and opportunities available for engineering graduates and early career engineers.**



### Promoting ASME membership and programs through events

- ASME was a Platinum Sponsor of the **Conference on Decarbonisation in India** at **NIT Calicut**.
- Booths were also set up at Reva University, Bengaluru and CSIR-CSIO, Chandigarh.



### Direct Outreach to Individuals in Engineering Community: July 2024 to March 2025

- Total outreach: **10,465**
- Students: **7,104**
- Professionals: **3,361**

### Direct College Campaign: Feb 2024 to March 2025

- Total outreach: **610**
- Colleges interested to form section: **53**
- Sections Formed: **26**
- No. of Students + Faculty Advisors in Student Sections: **608**

## MEEd SUMMIT: RETHINKING EDUCATION, REVOLUTIONISING INDUSTRY



- The ASME MEEd Summit, the world's foremost mechanical engineering education seminar, brings together educators and industry practitioners to examine the dynamic landscape of interdisciplinary engineering fields.
- **MEEd Steering Committee Meeting:** Conducted virtually on February 26, 2025, to align on strategic planning and direction for MEEd 2025.
- **MEEd Core Committee Meetings:** Held virtually on January 20, February 17, and March 15, 2025, with an in-person session on April 26, 2025, at Lemon Tree, Hitec City, Hyderabad, to finalize key operational and programmatic decisions.

### Regional MEEd Chandigarh 2025

- Hosted on April 8 at CSIR-CSIO, Chandigarh, this edition focused on the highly relevant theme **'Additive Manufacturing for Sustainability'**. The event brought together academia, industry, and students to explore how additive manufacturing can drive sustainable innovation in engineering.
- The session was graced by Chief Guest **Dr. N.C. Murmu, Director, CSIR-CMERI**, Durgapur. With 232 registrations and 140 attendees, the event achieved a 60% conversion rate and garnered an excellent Net Promoter Score (NPS) of 73%, reflecting strong participant engagement and satisfaction.



## ISHOW INDIA 2025 AT T-HUB: SPOTLIGHTING INNOVATION FOR IMPACT

- The 2025 edition of the prestigious ASME Innovation Showcase (ISHOW) India took place on April 24–25 at T-Hub, Hyderabad, bringing together a dynamic cohort of hardware-led social innovators, expert reviewers, and partners committed to engineering for global good.



ISHOW INDIA 2025

### Celebrating the Winners

After two days of rigorous design and engineering reviews, three standout ventures were selected as ISHOW India 2025 Awardees:

- **Kisan Rover – Revolutionizing smart agriculture mobility**
- **Newrup Tech Solutions Pvt. Ltd. | Chuliv – Clean cookstove innovation for rural India**
- **FastSense Innovations | Sep-Scan – Affordable rapid diagnostics for healthcare access**



ISHOW INDIA 2025

Each will receive a share of \$30,000 in grant awards, customized design support, and an invitation to the ISHOW Bootcamp 2025 - a curated experience that offers in-depth technical mentoring and valuable global networking opportunities.



ISHOW INDIA 2025

### Expert-Driven, Impact-Oriented

ISHOW’s strength lies in its diverse panel of technical and business experts who advise ventures across five key pillars- user insight, product design, manufacturing strategy, implementation roadmap, and impact potential. Experts included leading names from:



ISHOW INDIA 2025

- **NMIMS School of Design, CSIR-CSIO, IIITB, Capgemini Invent, Design Directions, GTU Ventures, and Renault Nissan, among others.**
- **Guest of Honour: Dr. Saishyam Narayanan, CEO, IPTIF, IIT Palakkad**
- **VIP Guest: Shrikant Sinha, CEO, TASK**



ISHOW INDIA 2025



## UPCOMING EVENTS

### MEEd INDIA SYMPOSIUM 2025

- **Date: September 10-13, 2025**
- **Venue: Hyderabad**

### IMECE INDIA 2025

- **Date: September 10-13, 2025**
- **Venue: Hyderabad**

## CONNECT WITH US

*Join us on our digital journey!*

Connect, learn, and grow with ASME as we explore innovative solutions, share inspiring stories, and build a stronger engineering community.



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