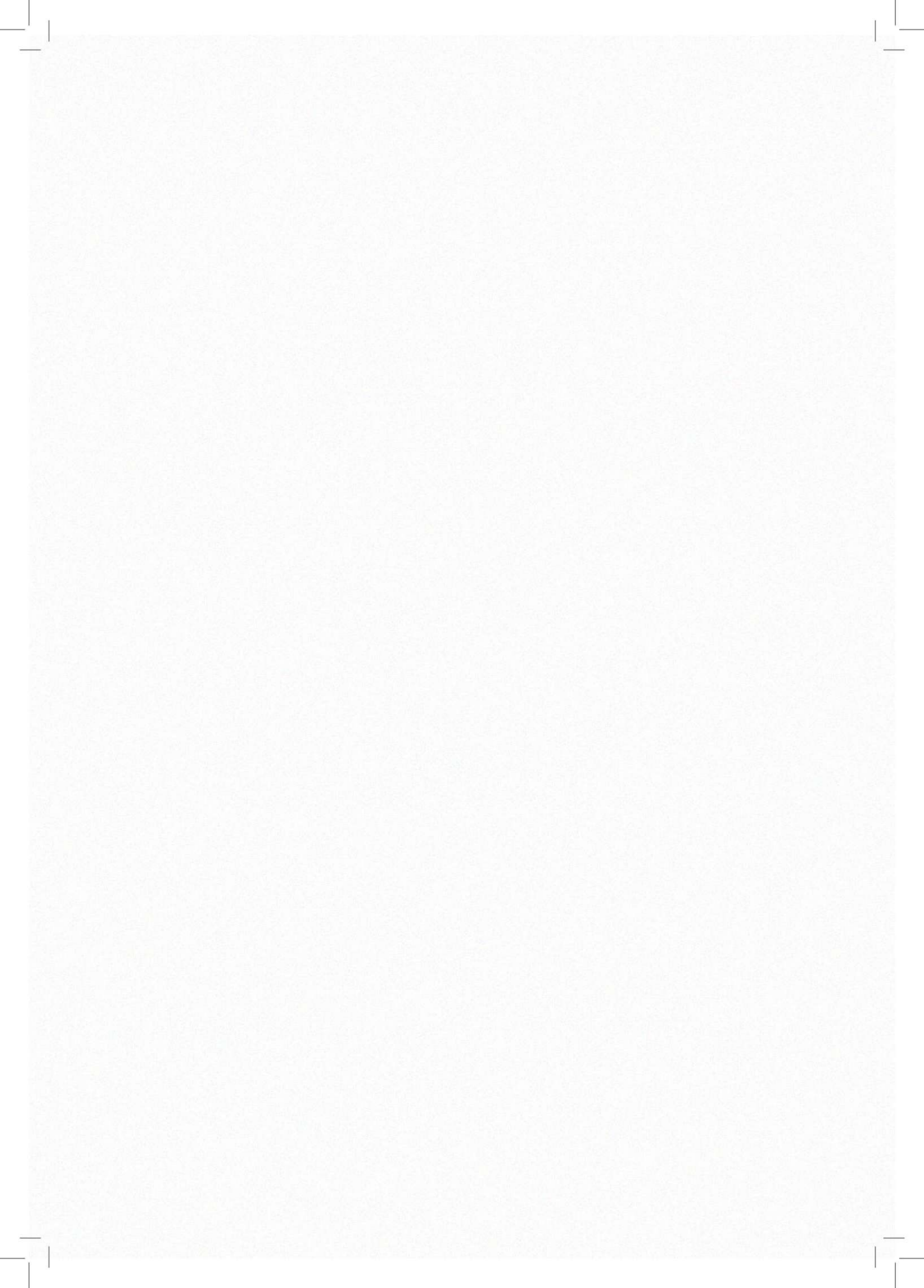




**Foundation**  
**Forward**

**A YEAR OF IMPACT**



# FROM THE DIRECTOR'S DESK

**Madhukar Sharma**

Director, ASME Foundation India



## Engineering India's Future: A Call to Action

As India strides forward on its path of innovation and development, the role of engineers has never been more critical. From building resilient infrastructure to driving sustainable energy solutions, engineers are at the heart of the nation's progress. The ASME Foundation India stands committed to empowering this community—supporting initiatives that nurture talent, promote equity, and deliver impact where it's needed most.

Today, the nation needs engineers not just as builders, but as problem-solvers, innovators, and leaders. Whether it's addressing climate challenges, improving public health systems, or ensuring access to clean water and safe transportation, engineering solutions are vital to achieving inclusive growth.

The evolving role of engineers now includes:

- ⦿ **Advancing safety through smarter design and risk-aware systems.**
- ⦿ **Championing sustainability by integrating renewable technologies and circular economy principles.**
- ⦿ **Fostering inclusivity by designing for accessibility and empowering underrepresented communities.**

At ASME Foundation India, we believe in engineering with purpose. Through scholarships, mentorship, and community-driven projects, we are shaping a future where engineering excellence meets social responsibility.

Let's build a better India- one innovation at a time.

# FROM THE DEPUTY DIRECTOR'S DESK

**Avni Malhotra**

Deputy Director, ASME Foundation India

## A Transformative First Year for ASME Foundation Year



We marked the first formal year of operations for ASME Foundation India (AFI). Registered as a Section 8 company in April 2024 and operational from July 2024, AFI advanced its mission to empower the Next Generation of Engineers in India through every phase of their professional Development through outcomes oriented engineering education, innovation and equitable access. With 150+ Student Sections, 10 Professional Sections, and 6,000+ members, the ASME community in India continues to expand in depth and impact.

### Empowering Students & Strengthening Engineering Education

- **EFx events** across six colleges, culminating in EFx India at REVA University, fostered hands-on learning and collaboration on learning and collaboration on learning and collaboration.
- **Engineering Education Seminars** at AKTU Lucknow, LNMIIT Jaipur, and CSIO/CSIR Chandigarh connected academia with industry leaders from AICTE, Thermax, GE Vernova among others.
- Preparations advanced for the **Engineering Education Symposium (India)**, scheduled for September 2025 at IMECE India 2025 in Hyderabad.

### Expanding Professional Communities

- **ASME Professional Sections** launched in Kerala, Gujarat, Uttar Pradesh/ Uttarakhand, and Chandigarh.
- **Women in Engineering (WiE)** Special Interest Group was formally

launched to champion diversity and representation in engineering professions.

### **Driving Innovation with Real-World Outcomes**

AFI plans to host the annual showcase, ASME ISHOW India 2025 at T-Hub Hyderabad, showcasing groundbreaking hardware innovations. A notable milestone from previous year's ISHOW India (2024) was the successful deployment of Sabjikothi developed by IIT Kanpur alumnus Mr. Nikki Jha to women's Self-Help Groups in Vaishali and Madhubani districts of Bihar. This marks the first community-level deployment of an ASME-supported hardware innovation, setting a benchmark for future cohorts. Hub Hyderabad, showcasing groundbreaking hardware innovations. A notable milestone was the successful deployment of Hub Hyderabad, showcasing groundbreaking hardware innovations.

### **Expanding Access for Underserved Youth**

Through the DropMEIn initiative with the Centre for Social Responsibility and Leadership (CSRL), 350 students across 10 Super 30 centers received hands-on mechanical engineering exposure, including building hydro-powered model vehicles. Inspired by the outcomes, AFI is planning to extend STEM learning to Grades 7 - 9 in the coming months.

### **Looking Ahead**

With strengthened teams, robust partnerships and the newly acquired CSR1 certification, AFI is poised to scale its impact across India. The foundation remains committed to advancing engineering education, enabling innovation, and ensuring technology reaches the communities who need it most.



# CONTENTS

<b>1. About ASME Foundation India .....</b>	<b>07</b>
<b>2. ASME Student Sections and Professional Sections.....</b>	<b>08</b>
<b>3. Student Engagements.....</b>	<b>12</b>
<b>4. ASME Memberships.....</b>	<b>16</b>
<b>5. ASME Mechanical Engineering Education (MEEEd) Seminar.....</b>	<b>20</b>
<b>6. ASME Innovation Showcase (ISHOW) India 2025.....</b>	<b>24</b>
<b>7. Philanthropic Initiatives.....</b>	<b>28</b>
<b>8. From the Community (ASME CONNECT).....</b>	<b>32</b>
<b>9. Annual Financial Statement.....</b>	<b>36</b>



# ABOUT ASME FOUNDATION INDIA

The ASME Foundation India (AFI) empowers young engineers across every stage of their journey, from sparking early inspiration to fostering technical learning, guiding meaningful careers, and nurturing innovations that shape a better future. Our mission is rooted in equity, access, and impact.

## WHAT ARE WE

AFI is the philanthropic arm of ASME in India, dedicated to making engineering a force for social good. We are a platform that drives inclusive innovation by bridging education, industry, and opportunity.

## WHO ARE WE

We are a community of engineers, educators, changemakers, and partners committed to uplifting underrepresented voices especially women and marginalized communities, through the power of engineering.

## WHAT WE DO

- 🕒 **Inspire through Education:** We spark STEM interest and hands-on learning from a young age.
- 🕒 **Build Careers that Matter:** We guide students and young professionals to discover impactful roles in the engineering ecosystem.
- 🕒 **Champion Ideas that Innovate:** We support early-stage innovations with mentorship and resources to scale real-world impact.
- 🕒 **Promote Equity:** Through strategic partnerships and outreach, we ensure engineering opportunities are accessible to all.



## ASME STUDENT SECTIONS AND PROFESSIONAL SECTIONS



ASME India's presence across the country is strengthened by 150 active sections including 140 Student sections and 10 professional sections, led by dedicated volunteers. ASME Sections unite engineering professionals and students locally, enhancing learning, professional development, and community engagement within universities and the broader engineering network.

Professional sections connect you with like-minded peers, creating opportunities for networking, professional development, and industry impact.

Student sections help engineering students build their professional identity through mentorship, leadership experiences, competitions, scholarships, and networking.

## **WOMEN IN ENGINEERING FOCUS GROUP**

.....

The ASME Women in Engineering (WiE) focus group is an inclusive and inspiring space for women in engineering to thrive. Established on March 8, 2025, the group works to increase gender parity in mechanical engineering, foster leadership, and build a supportive mentorship network for women engineers across India. By inspiring girls to pursue a career in Science, Technology, Engineering, and Mathematics (STEM), this platform aims to give women-led innovations, engineers, and aspirational young engineers an elevated platform and equitable access, driving inclusive growth in the engineering ecosystem.

## **HIGHLIGHTS AND KEY MILESTONES**

.....

In 2024–25, ASME Foundation India witnessed remarkable growth and meaningful engagement across its Student and professional sections. A total of 25 impactful events were conducted throughout the year, engaging over 700 participants nationwide. The audience comprised approximately 48% professionals and 52% students, reflecting a well-balanced participation from both academic and industry sectors.

Several first-time initiatives were successfully launched this year, marking major milestones for ASME Foundation India:

- ① **Student Project & Paper Expos** were organized for the first time in **Tamil Nadu (November 2024)** and **Kerala (March 2025)**. These expos drew significant student interest, with **108 participants in Tamil Nadu** and **157 participants in Kerala**, highlighting growing enthusiasm for research and innovation.
- ① The **professional section inauguration** was held in **Gujarat (May 2025)**, bringing together **34 professionals** for knowledge-sharing, networking, and collaboration within the ASME ecosystem.
- ① The **Kerala Section** introduced **Student Industry Visits**, followed by **Vocational Training programs**, successfully engaging **80 students**. These experiential opportunities offered students real-world exposure to engineering practices and industrial environments.
- ① The year also saw **the first in-person Student Section Leadership Meets, (SSLM)**, held in **Kerala (October 2024)** and **Maharashtra (August 2025)**. Over 40 student leaders participated in Kerala and 22 in Maharashtra, focusing on leadership development, best practice sharing, and cross-institutional collaboration.
- ① A proud highlight of the year was the recognition of **33 Student Sections** under various categories in the **ASME India Student Section Recognition Program for 2024-2025**. These accolades celebrated excellence in leadership, innovation, outreach, and community impact.



# HIGHLIGHTS FROM 2024 - 2025

Engaging Events with  
Students & Professionals

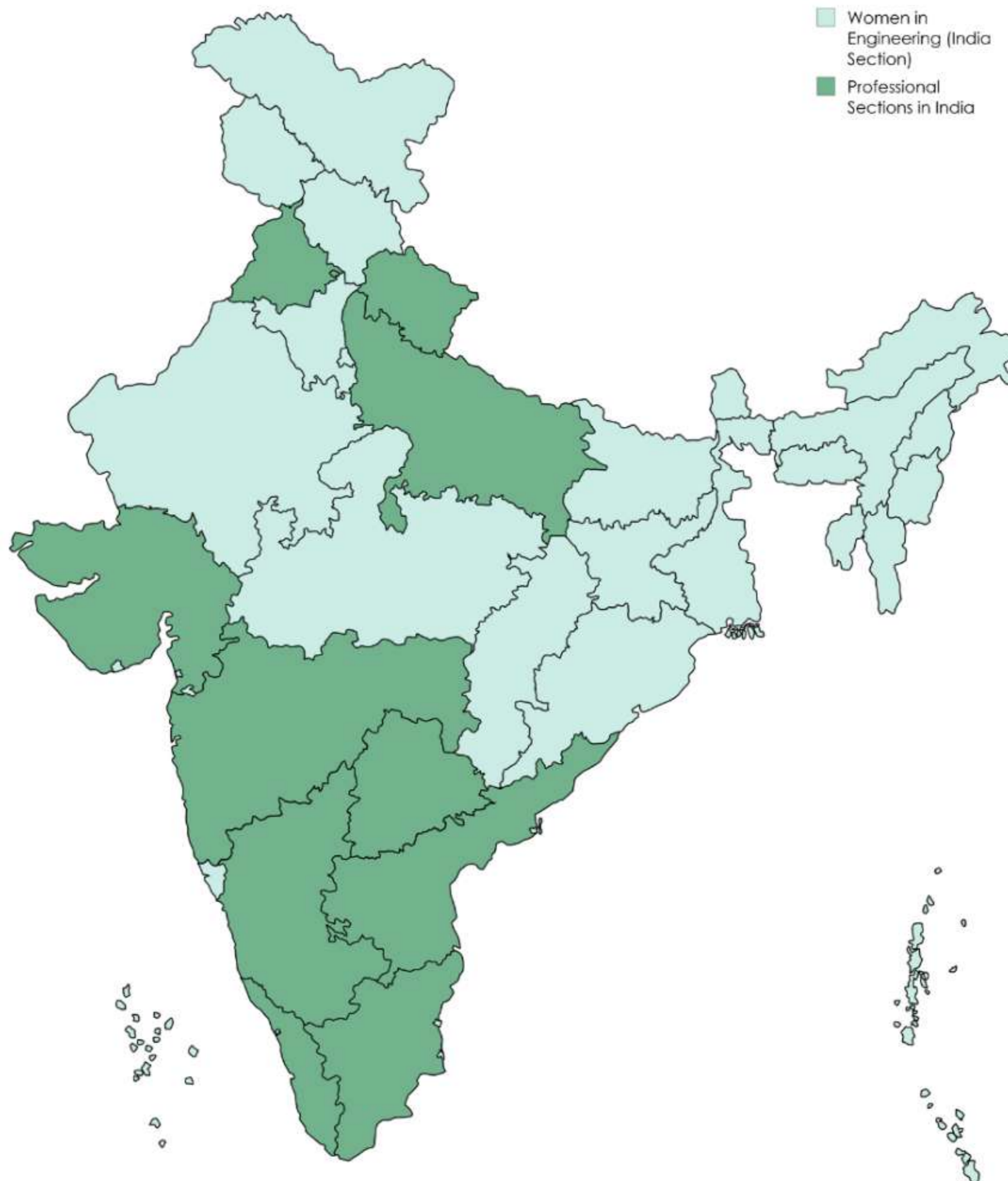
Total Participants:  
**700+**

**25+** across India

**48%**  
Professionals

**52%**  
Students

## Professional Section in India





## STUDENT ENGAGEMENTS



ASME Foundation India continues to place students at the heart of its mission – ‘Empowering The Next-Gen Engineers’ through hands-on learning, leadership opportunities, and real-world exposure. ASME Foundation India Student Events, including E-Fests and EFx, are global hubs for engineering students to compete, upskill, and network with industry leaders and recruiters. This year, our student engagement programs expanded in both depth and reach, offering a wide range of experiences - from national-level competitions to skill-building workshops and mentoring. Each initiative was designed to nurture curiosity, foster collaboration, and create pathways for young engineers to grow into future changemakers.

## **ASME ENGINEERING FESTIVAL (EFx) INDIA 2025**

.....

Held from March 27-29, 2025, at REVA University, Bengaluru, ASME EFx India 2025 was a three-day engineering festival that brought together 600+ students and professionals from across India. The event featured hands-on competitions, expert-led masterclasses, and skill-building workshops, offering a platform for learning, innovation, and networking. The festival was inaugurated by Mrs. Maria Elena Cardwell, Director & Chief Engineer, Boeing India, who inspired attendees with insights on engineering leadership. EFx also hosted India’s first ASME e-Human Powered Vehicle Challenge, where 10 teams raced their custom-built vehicles. Other signature competitions included the ASME e-Human Powered Vehicle Challenge (e-HPVC), ASME Student Design Competition (SDC), ASME Elevator Pitch Competition, ASME Oral Competition sponsored by ASME Old Guard Committee and ASME Innovative Additive Manufacturing 3D (IAM3D®) Challenge, engaging students from 15+ institutes.

Participants gained industry exposure through masterclasses on Biomimicry, Sustainability, and Welding. Cultural night celebrations with BOLT, with our official mascot of EFx India brought energy and connection to the engineering community.

# REGIONAL EFX EVENTS

## EFx FISAT

**EFx FISAT (Federal Institute of Science and Technology, Angamaly, Kerala):** Conducted on August 24, 2025, EFX FISAT welcomed 289 attendees from 15 institutes. The event featured exciting competitions including ASME IAM3D®, ASME Elevator Pitch, and FLYHIGH (Paper Plane Challenge). Participants also attended an engaging innovation session delivered by Mr. Hans MH, encouraging creative thinking and problem-solving.

## EFx SJCET

**EFx SJCET (St. Joseph's College of Engineering and Technology, Palai, Kerala):** Held on September 28, 2024, EFX SJCET brought together 252 attendees for a sustainability focused event. The program included a keynote address by Dr. Afzaal Ahmed (Indian Institute of Technology, Palakkad), a workshop on solar-powered vehicles by Sugrah Mobility, and student competitions such as Bridge Building and the ASME Student Design Competition (SDC).

## EFx VCE

**EFx VCE (Vasavi College of Engineering, Hyderabad, Telangana):** Organized on November 23, 2024, EFX VCE engaged over 220 participants from 7 institutes. Key highlights included the ASME Student Design Competition (SDC), ASME Elevator Pitch, a technical quiz titled Quizzy Buzzers, and a professional seminar by Dr. P. Chandra Shekar on real-world product innovation and engineering applications.

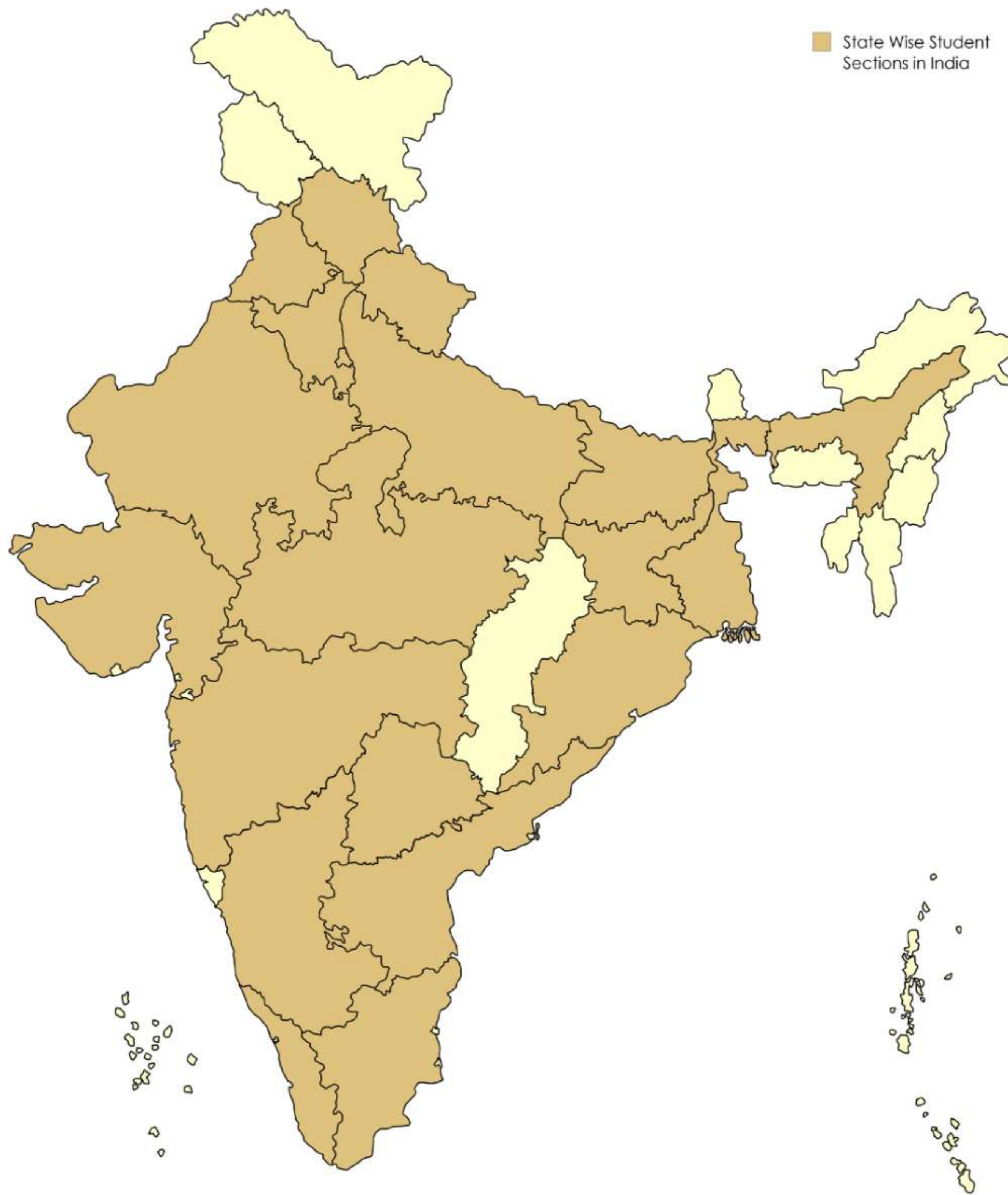
## EFx GECBH

**EFx GECBH (Government Engineering College, Barton Hill, Thiruvananthapuram, Kerala):** Conducted on January 25, 2025, EFX GECBH featured hands-on learning and technical engagement through a 3D Printing workshop, ASME Oral Competition, and a mechatronics session by ADAM Trainers. The Aquajet competition, focused on designing bottle rockets, attracted significant student participation and enthusiasm.

## EFx AVV AMRITAPURI

**EFx AVV Amritapuri (Amrita Vishwa Vidyapeetham, Amritapuri Campus, Kerala):** Held on February 8, 2025, Amrita Vishwa Vidyapeetham hosted EFX for the first time, with 273 participants in attendance. The event included expert sessions on Industrial IoT Security and Entrepreneurship, along with workshops on Unmanned Aerial Systems and Karting.

# Student Section in India





## ASME MEMBERSHIPS



ASME India has been a cornerstone of the nation's mechanical engineering landscape since establishing its physical presence in 2012. Our membership program is a vital bridge, connecting students, academics, researchers, and industry professionals with the global engineering community.

This year, we have achieved remarkable growth. Our membership has expanded to **6,068 members**, which include **886 professionals and 5,182 students**, each contributing to and benefiting from our collective knowledge and expertise. We are dedicated to providing the resources for lifelong learning and professional advancement, ensuring our members are at the forefront of technological innovation.

## OUR NATIONWIDE FOOTPRINT

ASME's network is spread across the length and breadth of India, with members in **31 states and Union Territories**. This wide geographic distribution underscores our commitment to making engineering resources and networks accessible to all.

**Kerala leads our state-wise membership with 1,793 members**, followed by **Tamil Nadu with 924 and Maharashtra with 633**. This strong presence in key industrial and educational hubs highlights our deep integration within India's engineering ecosystem.

## STRATEGIC OUTREACH: EXPANDING OUR REACH AND IMPACT

Our growth is fueled by strategic outreach initiatives that engage with every segment of the engineering community. Through targeted campaigns and large-scale events, we have connected with thousands of students and professionals, sharing the benefits of ASME membership.

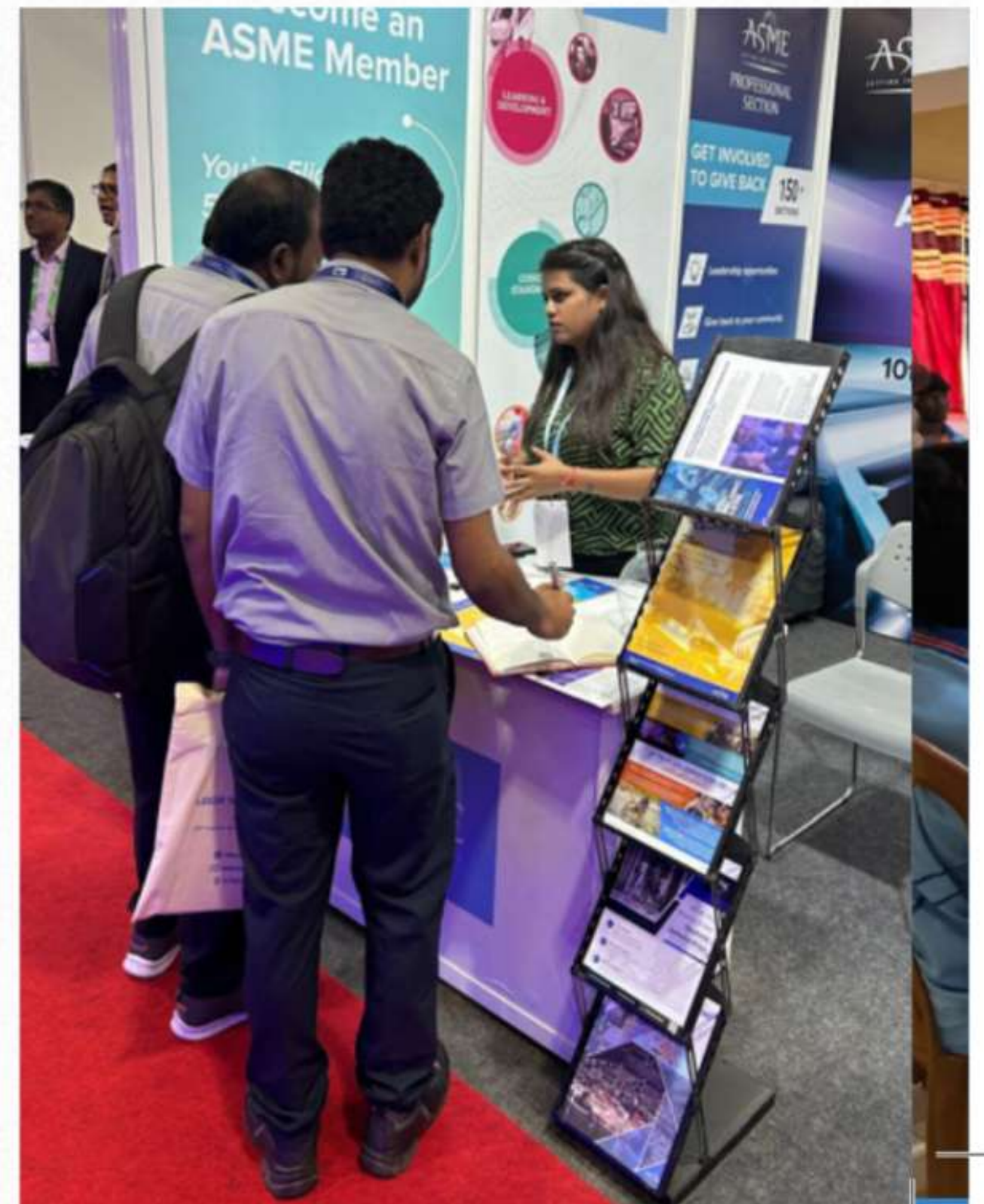
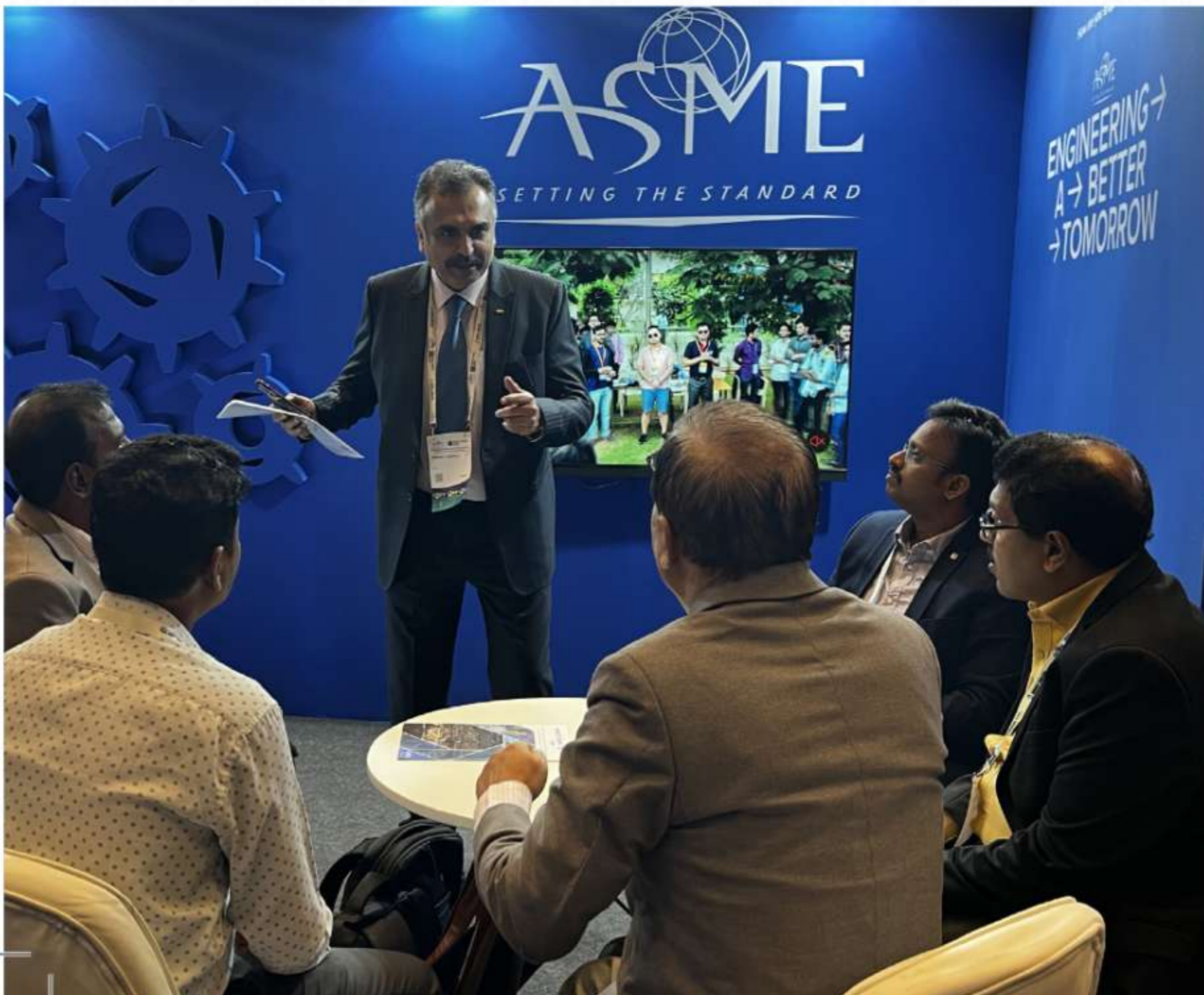
## KEY OUTREACH HIGHLIGHTS

- 🕒 **New Student Section Establishment:** We successfully reached 610 individuals, leading to the formation of 28 new student sections and welcoming 723 new members.

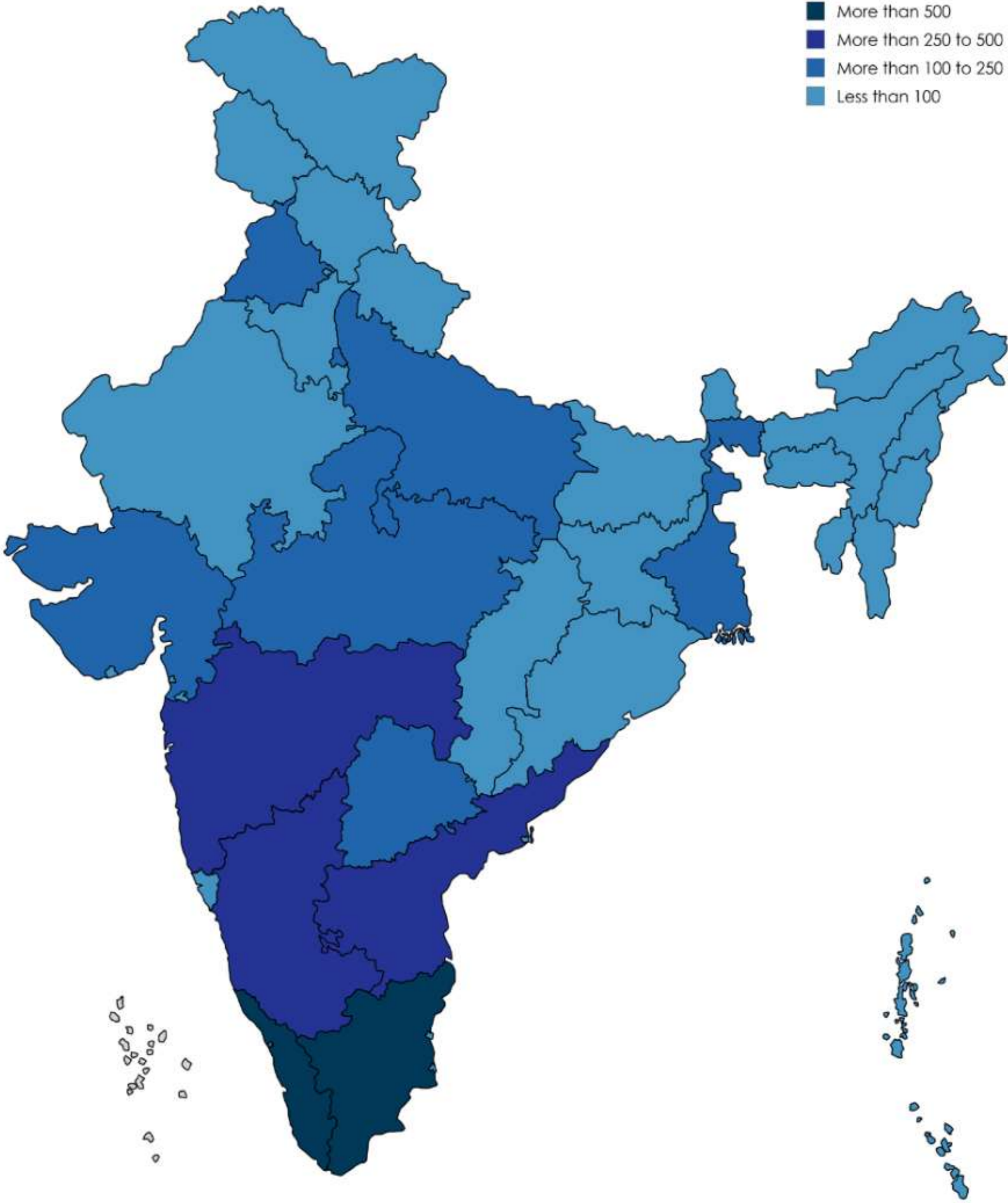
- ⦿ **Events and Seminars:** Our diverse events, including webinars, section meetings, MEEEd, and our flagship EFest and EFX events, engaged a total of 12,215 participants, with 8,568 students and 3,647 professionals.
- ⦿ **Membership Renewal and Re-engagement:** We have maintained strong connections with our existing members through dedicated renewal and re-engagement campaigns, contacting a total of 3,587 students and professionals.
- ⦿ **Industry and Academic Collaboration:** We have actively participated in key industry events such as the 34th Annual Exhibition on Non-Destructive Evaluation & Enabling Technologies and the 30th International Corrosion Conference & Exhibition. Furthermore, our collaboration with CSRL centers has allowed us to reach over 340 students across 10 locations.

## THE ASME CONNECT CAMPAIGN

To build a more personal and engaged community, we launched the ASME Connect Campaign. This series of short interviews shines a spotlight on the diverse achievements and contributions of our members. By sharing the personal stories and professional journeys of over 30 professionals, early-career engineers, academics, and student leaders, we have fostered a powerful sense of community and inspired the next generation of engineers.



# Membership in India





# ASME MECHANICAL ENGINEERING EDUCATION (MEED) SUMMIT



The ASME Mechanical Engineering Education (MEEEd) Summit, launched in 1989, is the premier conference tailored for mechanical engineers and engineering technology educators, industry experts, and government leaders. In India, the seminar brings together educators and industry practitioners to examine the dynamic landscape of interdisciplinary engineering fields, bridging the gap between classroom learning and real-world application.

## **PARTICIPATION SNAPSHOT**

A total of 100+ colleges from across India actively participated in the MEEEd initiative in the last one year. Over 500+ faculty members were engaged through various programs, reflecting a strong commitment to advancing mechanical engineering education.

## **PURPOSE**

MEEEd India is built on a singular vision: to empower the next generation of mechanical engineers with industry-relevant skills by fostering innovation in education and cultivating robust academia-industry collaborations. The initiative aims to ensure future engineers are workforce-ready and aligned with national missions such as '*Viksit Bharat 2047*' and 'Make in India'.

## **REGIONAL MEEED**

In 2024-2025, three regional MEEEd Summits were hosted at LNMIIT Jaipur, GTU Ahmedabad and CSIR-CSIO Chandigarh, each drawing over 100 participants, including deans, faculty, researchers, and industry leaders.

The LNMIIT Summit focused on bridging gaps in mechanical engineering education and aligning curricula with Industry 4.0 needs. At GTU Ahmedabad, the discussions revolved around the National Education Policy 2020, and promoting innovation and entrepreneurship across rural and urban India.

## **KEY THEMES INCLUDED**

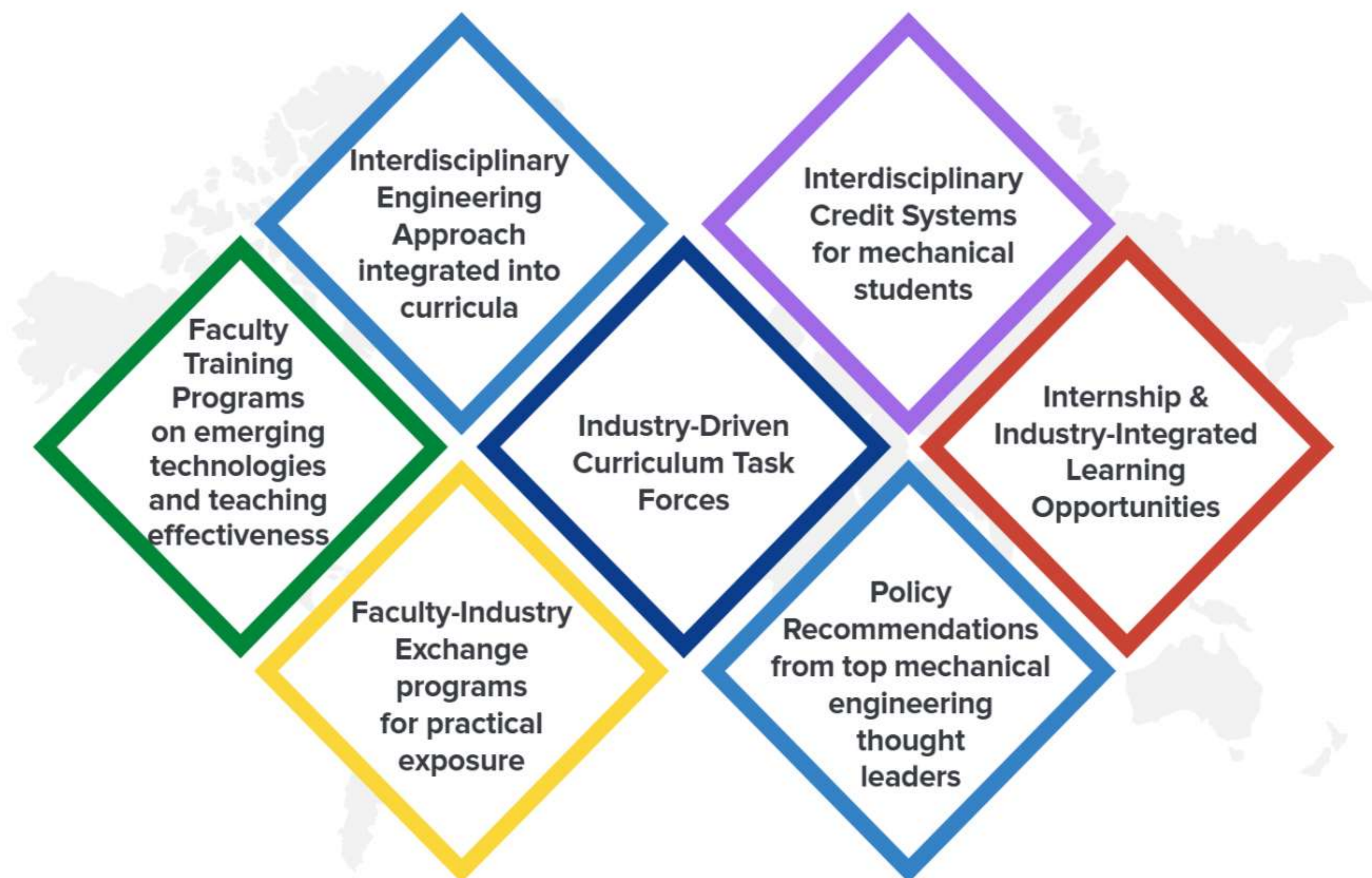
- 🕒 **Industry-Driven Research & Internships:** Highlighting the need for hands-on, industry-focused projects to connect academic learning with real-world applications.

- ⦿ **Future-Ready Graduates:** Emphasizing the importance of aligning mechanical engineering education with national missions like 'Viksit Bharat 2047' and 'Make in India'.
- ⦿ **Holistic Skill Development:** Encouraging a balanced skill set that integrates technical competencies with essential soft skills.

A third summit, hosted in April 2025 at CSIR-CSIO, Chandigarh, focused on Additive Manufacturing for Sustainability. With 232 registrations and 140 attendees, the summit saw robust participation and recorded a strong Net Promoter Score (NPS) of 73. The event was graced by Chief Guest Dr. N.C. Murmu, Director, CSIR-CMERI, and served as a powerful platform for dialogue between academia, industry, and students on sustainable innovation in engineering.

## KEY OUTCOMES

The MEEed initiative continues to deliver significant outcomes through its various programs and summits:



“Change mechanical engineering education from where freedom is available. Autonomy is given to you. Deemed University is given. Please change it. Freedom is available. Utilize everything that is written in NEP 2020, and you interpret the way you want it.

*Mr. M.S Unnikrishnan, Chief Executive Officer, IITB-Monash Research Academy.*

”

## MEED STEERING COMMITTEE MEETING

- ① The MEEd Steering Committee met in November 2024 to review the MEEd Summits at LNMIIT and GTU and discussed the MEEd India Symposium taking place at IMECE India in Hyderabad.
- ① The Committee proposed to create innovation verticals in mechanical engineering focusing on strategic sectors like semiconductor manufacturing.
- ① The Committee deliberated on institution autonomy and funding. It was discussed that institutions must explore R&D and alumni-driven funding models.
- ① One of the most important takeaways of the meeting was the discussion on forming a task force of industry practitioners to help design the curriculum and developing a new system of credits based on interdisciplinary skill development and industry immersion.
- ① The meeting concluded with the recognition of the opportunities for ASME in thought leadership including at the MEEd India Symposium which is envisioned as a unique and vital platform for continued university-industry collaboration and future partnerships.



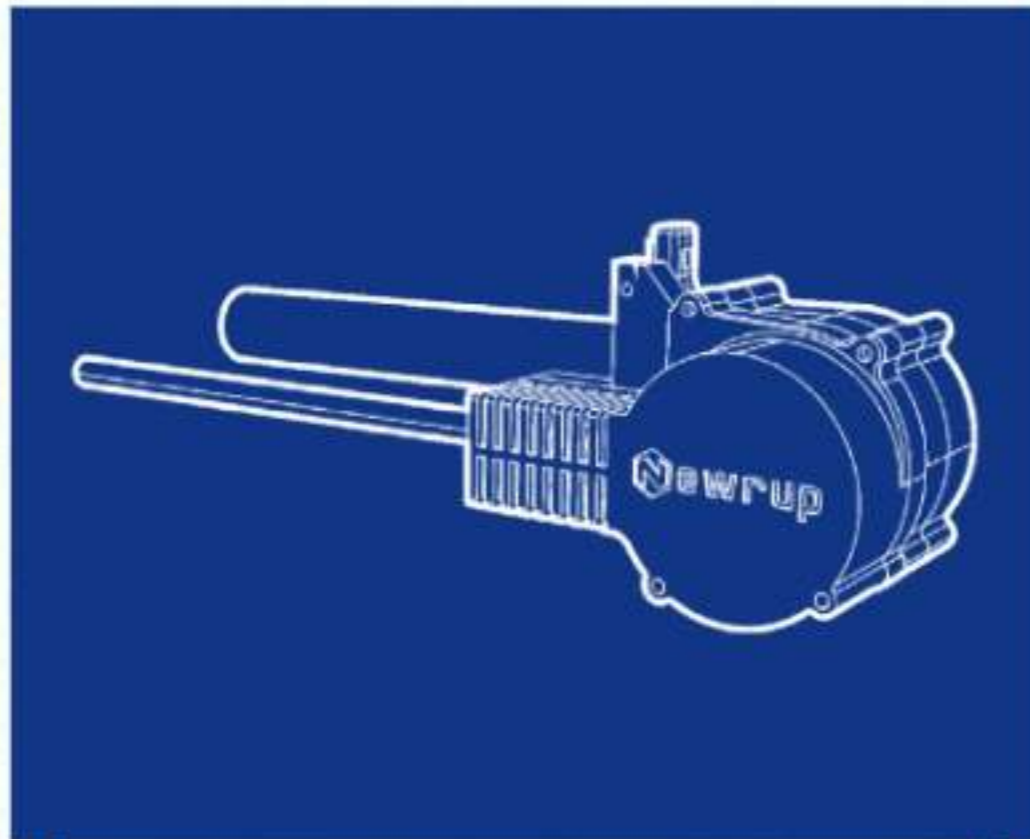
## ASME INNOVATION SHOWCASE (ISHOW) INDIA 2025



The ASME Innovation Showcase (ISHOW) is a global accelerator for hardware-led social innovation, supporting ventures that address real-world problems through sustainable & scalable products. On 24–25 April 2025, ISHOW India 2025 was hosted at T-Hub, Hyderabad, spotlighting breakthrough innovations in agriculture, healthcare, energy, and mobility.

## ABOUT THE EVENT

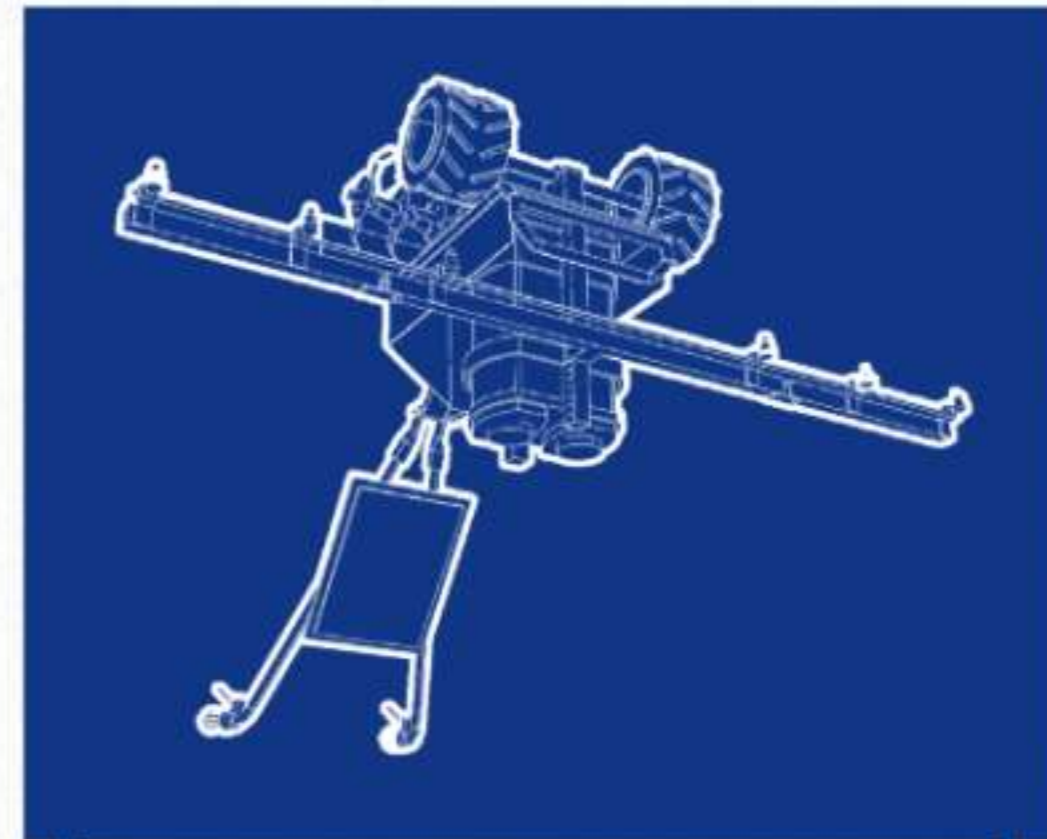
Seven innovators pitched their prototypes it's scale of impact and overall vision. They participated in pitch sessions and one-on-one mentoring with global experts. After this intense process, three ventures were selected as ISHOW India 2025 awardees:



**Chuliv – Newrup  
Tech Solutions  
(Bhubaneswar):  
A clean cooking  
system that helps  
reduce indoor air  
pollution.**



**Sep-Scan –  
FastSense  
Innovations (Pune):  
An AI-powered tool  
for early detection  
of sepsis.**



**Kisan Rover – Solar-  
Powered Robotic  
Bull (Rajasthan):  
A smart farming  
tool for smallholder  
farmers.**

The winners shared \$30,000 in grants, received expert mentorship, and gained entry into ASME's global innovation network to scale their solutions.



A panel of distinguished judges evaluated the innovations on five key areas: understanding of user needs, impact and sustainability, strategy for implementation, readiness for manufacturing, and hardware design.

Notable jury members included:

- ⦿ **Dr. Tushar Panchal, GTU Ventures**
- ⦿ **Mr. Unmesh Kulkarni, Oceanic Circles**
- ⦿ **Mr. Satish Gokhale, Design Directions**
- ⦿ **Dr. Guruprasad Rao, NMIMS**
- ⦿ **Ms. Reema Saha, ITEL**
- ⦿ **Mr. Karthik Chandrasekar, Synapses**
- ⦿ **Mr. Suresh Kayambo, Renault Nissan**
- ⦿ **Dr. Lakshmi Jagannathan, IIT Bangalore**
- ⦿ **Dr. Suman Singh, CSIR-CSIO**
- ⦿ **Dr. Chaya Ravishankar, Capgemini Invent**

Special guests and mentors like Mr. **Ramana Reddy** (MathWorks), **Dr. Rajul Gajjar** (GTU), and **Dr. Saishyama Narayanan** (IIT Palakkad) added valuable guidance.

The showcase ended with an award ceremony celebrating innovation, featuring **Dr. Saishyama Narayanan** as the Guest of Honour and **Mr. Shrikant Sinha**, CEO of TASK, as the Special Guest.





### MCI

Partnered with ASME for the “Empowering Women through Social Engineering Innovation” project.



### TWI India

Sponsored ASME’s DropMEIn sessions through a CSR grant.



### Altair

Supported two Mechanical Engineering Education (MEE) Seminars at AKTU (Lucknow) and CSIR-CSIO (Chandigarh).



### Lemelson Foundation

Provided grant support for regional ISHOW programs, including India, and continues to be a key partner in promoting innovation for social good.





## PHILANTHROPIC INITIATIVES



At ASME Foundation India, philanthropy is a powerful tool to drive social change through engineering. It is a strategic enabler of innovation, education, and empowerment. Through focused programs rooted in engineering solutions and social responsibility, AFI is helping bridge opportunity gaps for underrepresented groups, especially women and students from marginalized backgrounds. Each initiative is a step towards building an inclusive and sustainable future.

## EMPOWERING WOMEN THROUGH SOCIAL AND ENGINEERING INNOVATION

**Location:** Vaishali & Madhubani, Bihar

**Partners:** Nav Bihar Samaj Kalyan Kendra & Sarvo Prayas Sansthan

This initiative supports women-led Self-Help Groups (SHGs) in rural Bihar by integrating sustainable technologies with community training to reduce post-harvest losses in vegetable farming.

### OBJECTIVES

- ⦿ Minimize crop wastage through eco-friendly storage solutions.
- ⦿ Promote financial and decision-making independence for women farmers.
- ⦿ Strengthen entrepreneurship and sustainable farming practices.
- ⦿ Align with SDG 1 (No Poverty) and SDG 2 (Zero Hunger).

### INTERVENTIONS

- ⦿ Introduction of Sabji Kothi, a portable zero-energy vegetable storage unit.
- ⦿ Capacity-building workshops in sustainable agriculture, seed multiplication, and value addition.
- ⦿ Hands-on training to strengthen the role of women in the agriculture value chain.

## OUTCOMES

- ⦿ Better preservation of harvested crops.
- ⦿ Increased incomes and reduced financial vulnerability.
- ⦿ Women taking on entrepreneurial and leadership roles in their communities.

## PROMOTING INTEGRATIVE MECHANICAL ENGINEERING EDUCATION

**Reach:** 10 CSRL Centers | 347 Students (221 Boys, 126 Girls)

**Partner:** Centre for Social Responsibility and Leadership (CSRL)

This program, in collaboration with CSRL, supports students from underserved communities preparing for competitive exams by encouraging mechanical engineering as a career pathway and exposing them to ethical, sustainable, and professional practices.

## OBJECTIVES

- ⦿ Promote integrative and inclusive engineering education.
- ⦿ Spark interest in mechanical and allied fields among talented youth.
- ⦿ Provide exposure to the engineering profession and global networks.
- ⦿ Offer financial and mentoring support to help students succeed.

## INTERVENTIONS

- ⦿ Engineering sensitization sessions for CSRL students.
- ⦿ Field visits and participation at ASME Tech Fest for real-world exposure.
- ⦿ Affiliate ASME memberships for community-building and global access.

## REACH

In our continued effort to make engineering education more inclusive and accessible, we reached a total of 347 students across 10 CSRL centers in India. Of these, 221 were boys and 126 were girls, reflecting a deliberate push toward gender balance in STEM outreach.

The highest participation came from Kanpur, with 100 boys. Delhi followed with 54 students (34 boys and 20 girls), and Mumbai with 19. Our girls-only centers in Varanasi, Guwahati, and Kolkata each engaged 30 girls, helping us support more young women in engineering. Dehradun saw a good mix of 20 boys and 10 girls, while Chennai and Jodhpur reached out to 24 and 30 boys respectively.

## THESE EFFORTS LED TO STRONG OUTCOMES

- ⦿ Students became more aware and interested in careers in mechanical engineering.
- ⦿ Those from marginalized communities gained access to mentorship, learning resources, and new opportunities.
- ⦿ A network of future engineers is growing — one that values leadership, ethics, and purpose.

By reaching students in different parts of the country, we are building a more diverse and motivated generation of future engineers.

## WAY FORWARD

Through these philanthropic efforts, ASME Foundation India is enabling transformative change where it is most needed. Whether through post-harvest technology in rural Bihar or advanced coaching for underserved students, each program is a step toward creating a more inclusive, sustainable, and innovation-driven India.



“  
If you want to be at the  
forefront of engineering  
& innovation  
ASME is the  
place to start.”

**Joseph Machnaim**

CIO, Triquetra Healthcare | Chairman, Gerizim |  
Founding Member, ASME Gas Turbine India  
Group | Ex-GE Chief Engineer, Aerospace |  
Turbomachinery Design Expert



“  
You get a  
sense of  
belongingness  
at ASME.”

**Ms. Gopika Ganga Nair**

Process and Program Engineer,  
GE Healthcare

## FROM THE COMMUNITY



“  
I am sharing this legacy  
with my juniors as a  
proud ASME  
Member.”

**Ms. Maithili Deshpande**

Past ASME Student Chair,  
MS in Mechanical Engineering



“  
ASME India  
connects  
with the latest technology  
all over the world.”

**Dr. P V Madhusudhan Rao**

ASME Fellow

## ASME CONNECT

### VARTIKA UPRETY (PROFESSIONAL)

Vartika Uprety Joshi knows what it means to be the only woman in the room. As a mechanical engineer working in the male-dominated pipeline industry, she did not just attend pipeline meetings, she carved a space for herself amongst them.

Her journey began with a single belief: that technical excellence speaks louder than stereotypes. “I started creating my own space in a completely male-dominated industry by being technically more sound,” she shares. Today, she is a respected Coatings and Cathodic Protection Consultant, advising major oil and gas projects across India.

For Vartika, ASME played a crucial role in that journey. Being part of ASME gave her not only the tools to deepen her technical expertise, but also the global network to grow beyond borders. Through ASME conferences and technical forums, she found both recognition and inspiration, proof that knowledge knows no gender.

## CSRL

### Inspired to Innovate: Aishwarya’s Experience with ASME and CSRL

**Location:** Varanasi Super 80 | **Partner:** CSRL | **Segment:** Philanthropy

For Aishwarya Malhotra, a student at Super 80 Varanasi, preparing for engineering entrance exams, was more than just academics, it was a test of resilience, discipline, and belief in self. With the constant support of CSRL and the spirit of peer learning, she found not just guidance, but a sense of community that keeps her moving forward.

During her one year of preparation, a moment that stood out for Aishwarya was the session conducted by ASME Foundation India. “The representatives shared the vast scope of engineering and how it touches every corner of our lives,” she recalls. “It was truly an eye-opener.”

The session did not end with just words, it sparked action. A hands-on, innovative assignment brought the ideas to life, allowing Aishwarya and her peers to apply what they learned in a creative way. For Aishwarya, it was a moment of transformation, a shift from studying engineering to truly experiencing it.

Today, she feels more connected to her goal than ever before. “The session made me excited about the future,” she shares. “It gave me hope that I’m on the right path.”

Aishwarya’s story is a testament to how the right support through mentorship, exposure, and real-world experiences can inspire young minds to innovate, dream big, and stay the course.

## **MAITHILI DESHPANDE (ECE)**

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I developed an interest in mechanical engineering back in seventh and eighth grade, and ASME immediately caught my attention. They organized a variety of activities, brainstorming sessions, industrial visits, and other opportunities, that really inspired me. I knew that once I entered college, I would definitely explore it further.

Now, as I prepare to pursue my MS at Purdue University in the US, I’m excited to join their recognized ASME chapter as well. During my interview, my professor was proud to learn that I had served as the chairperson of ASME. My journey with ASME has been truly rewarding, and I’m a proud member. I’m also committed to passing on this legacy to my juniors, sharing with them the opportunities and experiences that shaped my own growth.

## **JOSEPH MACHNAIM (PROFESSIONAL)**

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I have been an ASME member right from my college days and in my professional career. Today’s engineer is not an Indian engineer, he’s a global engineer setting up his standard at the global standard. So when you want to go up to the global standard, you will have to reach out and be there at the global standard and ASME is the one that sets the standards.

When you’re with ASME, your standard of technical depth increases consistently and hence your participation in addition to your membership enables your growth and your network and your net worth.

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## Power of Global Knowledge Exchange

As a long-time member and ASME Fellow, I've had the opportunity to witness how ASME truly brings the global engineering community together. For me, ASME India is more than just a space for accessing the latest in technology, it is a gateway to the world.

What makes ASME stand out is its commitment not only to create knowledge, but also to exchange it in meaningful, impactful ways. Whether through conferences, technical forums, or cross-sector industry collaborations, ASME enables conversations that go far beyond textbooks and journals.

Over the years, I've seen how this exchange has helped bridge the gap between research and real-world application. Through ASME, engineers in India have the opportunity to engage with cutting-edge developments from around the globe while contributing their own insights to the global stage.

This two-way flow of knowledge - across borders, disciplines, and sectors - is what makes ASME such a powerful force in the engineering world. And for me, it continues to be a platform that not only informs but also inspires.

# ANNUAL FINANCIAL STATEMENT

ASME FOUNDATION INDIA  
(A Company Limited by Shares Licensed under Section 8 of the Companies Act 2013)  
(CIN:U88900DL2024NPL429713)

## BALANCE SHEET AS AT 31ST MARCH 2025

Particulars	Note No	(Amounts in '000)
		As at March 31, 2025
<b>I EQUITY AND LIABILITIES</b>		
<b>Shareholders' funds</b>		
(a) Share capital	3	45,793
(b) Reserves and surplus	4	(20,244)
<b>2 Non current liabilities</b>		
Long term provision	5	725
<b>3 Current liabilities</b>		
(a) Trade payable	6	
(i) Total outstanding dues of micro and small enterprises		153
(ii) Total outstanding dues of creditors other than micro and small enterprises		1,151
(b) Other current liabilities	7	567
(c) Short-term provisions	8	33
<b>Total</b>		<b>28,176</b>
<b>II ASSETS</b>		
<b>1 Non-current assets</b>		
(a) Property Plant & Equipment	9	461
<b>2 Current assets</b>		
(a) Trade receivables	10	3
(b) Cash and bank balances	11	14,892
(c) Other current assets	12	11,715
(d) Short term loans and advances	13	1,106
<b>Total</b>		<b>28,176</b>
Significant accounting policies	1,2	
Notes to Accounts forms integral part of the financial statements	18	
<b>The accompanying notes are an integral part of the financial statements</b>		

In terms of our report attached.

For M D Gujrati & Co  
Chartered Accountants  
ICAI Firm Regn. No. 005301N

*M D Gujrati*  
M D Gujrati  
Partner  
M. No. 081552

Place: New Delhi  
Date: 23-09-2025



For and on behalf of the Board of Directors of  
ASME FOUNDATION INDIA  
For ASME Foundation India

*Cymbeline Gia Dcruze*  
Director

Cymbeline Gia Dcruze  
Director  
DIN: 10587425

Place: New Delhi  
Date: 23-09-2025

For ASME Foundation India

*Madhukar Sharma*  
Director

Madhukar Sharma  
Director  
DIN: 06931197

Place: New Delhi  
Date: 23-09-2025

**ASME FOUNDATION INDIA**  
(A Company Limited by Shares Licensed under Section 8 of the Companies Act 2013)  
(CIN:U88900DL2024NPL429713)

**STATEMENT OF INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD ENDED ON 31ST MARCH 2025**

Particulars	Note No.	(Amounts in '000)
		10th April, 2024 to 31st March, 2025
I Operating Income from / Donation for Non-Profit Activities	14	5,707
Other Income	15	573
<b>Total Income</b>		<b>6,280</b>
II Expenses		
Employee benefit expense	16	11,390
Depreciation	9	147
Other expenses	17	14,988
<b>Total Expenses</b>		<b>26,524</b>
III Surplus / (Deficit) before exceptional and extraordinary items and tax (I-II)		(20,244)
IV Exceptional items		-
V Surplus / (Deficit) before extraordinary items and tax (III-IV)		(20,244)
VI Extraordinary Items		-
VII Surplus / (Deficit) before tax (V-VI)		(20,244)
VIII Tax expense:		
(a) Current tax		-
(b) Deferred tax		-
<b>IX Surplus / (Deficit) for the year (VII-VIII)</b>		<b>(20,244)</b>
X Earnings per equity share:		
(1) Basic (in Rs.)		(4.42)
(2) Diluted (in Rs.)		(4.42)
Significant accounting policies	1.2	
Notes to Accounts forms integral part of the financial statements	18	
<b>The accompanying notes are an integral part of the financial statements</b>		

In terms of our report attached.

For M D Gujrati & Co  
Chartered Accountants  
ICAI Firm Regn. No. 005301N

*M D Gujrati*

M D Gujrati  
Partner  
M. No. 081552

Place: New Delhi  
Date: 23-09-2025



For ASME Foundation India

For and on behalf of the Board of Directors of  
ASME FOUNDATION INDIA

*Cymbeline Gia Druze*  
Director

Cymbeline Gia Druze  
Director  
DIN: 10587425

Place: New Delhi  
Date: 23-09-2025

For ASME Foundation India

*Madhukar Sharma*  
Director

Madhukar Sharma  
Director  
DIN: 06931197

Place: New Delhi  
Date: 23-09-2025

