

ASME GAZETTE

The Official Newsletter of ASME-CCOEW

2025-26 | Volume #7



ABOUT US

ASME CCOEW is a dynamic student chapter committed to promoting engineering excellence, innovation, and professional development. Through technical events, industrial exposure, and leadership opportunities, we empower students to grow beyond the classroom and become future-ready engineers.

TOP NEWS

ASME CCOEW wins Membership Growth Award 2025

Celebrating our journey of growth, student participation, and impactful engineering initiatives that shaped a stronger ASME CCOEW community.

300+ Participants, countless ideas, one vision.

A year of learning, collaboration, and innovation driven by the ASME CCOEW community.

Engineering Ideas Into Action

A journey filled with technical events, hands-on experiences, and a community building the engineers of tomorrow.

ASME CCOEW 2025-26

ENGINEERING THE FUTURE

A YEAR OF INNOVATION, LEARNING & IMPACT



Our Mission

To serve diverse global communities by advancing, disseminating and applying engineering knowledge to improve the quality of life and communicate the excitement of engineering.

Our Vision

To be an essential resource for mechanical engineers and other technical professionals throughout the world for solutions that benefit humankind.

Written by

Ketki Deshpande and Aarohee Kate

MEET THE TEAM



Gayatri Kulkarni
Secretary



Devashree Harkare
Program Head



Shreya Bongale
Vice Chairperson (TY)



Ananya Bhusare
Chairperson



Tanisha Joshi
Vice Chairperson



Akshata Nagmoti
Associate Secretary



Gargi Rajput
Associate Program Head

MEET THE TEAM



Ketki Deshpande
Documentation Head



Sae Pingale
Social Media Head



Sanika Khadilkar
Public Relations Head



Aarohee Kate
Associate Documentation Head



Ananya Pani
Associate Social Media Head



Divya Bagane
Associate Public Relations Head



Sneha Kamath
Treasurer



Durva Jawale
Associate Treasure

Orientation

14/9/2025

OFFLINE

NO. OF PARTICIPANTS = 50



Introducing

ASME CCOEW Orientation 2025

An engaging orientation session was organized to introduce students to the ASME CCOEW Student Chapter and the opportunities it offers. The session familiarized participants with ASME's mission, achievements, activities, and membership benefits while encouraging them to become active members of the engineering community.

A fun activity called Word Relay was conducted, where participants acted out mechanical terms while their teammates guessed the correct word. The session concluded with an interactive Q&A, allowing students to clarify their doubts about membership and upcoming ASME activities.

Feature Spotlight

Your Gateway to Engineering Excellence

Students were introduced to the various initiatives conducted by ASME CCOEW, including technical workshops, industrial visits, Internship Talks, E-Fests, and leadership opportunities. The chapter's achievements, future plans, and alumni success stories were also shared to inspire new members.

Orientation Highlights

- Introduction to ASME and ASME CCOEW
- Membership benefits and opportunities
- Chapter achievements and milestones
- Future plans and upcoming events
- Interactive Word Relay activity
- Q&A session with participants



Careers in AI

08/11/2025

ONLINE

NO. OF PARTICIPANTS = 70

Introducing

Next-Gen Engineering Careers in the Age of AI

ASME CCOEW organized an insightful online webinar on the future of engineering careers in the era of Artificial Intelligence. The session was conducted by Mr. Ganesh Pai, Senior Innovation Executive, Automotive R&D Sector, who shared valuable perspectives on emerging technologies, industry trends, and the evolving role of engineers.

Exploring the Future of Engineering

The webinar focused on how AI is transforming engineering disciplines and creating new career opportunities. Participants gained insights into major career trends, the evolution of society and technology, the meaning of career success, and how to choose a career path aligned with their interests and strengths.

Key Takeaways

The speaker addressed important questions such as the future of engineering jobs, the impact of AI on careers, and the skills required to stay relevant in a rapidly changing world. Students were encouraged to focus on continuous learning, adaptability, and problem-solving to build a successful and meaningful career.



Feature Spotlight

Interactive Discussion

The session concluded with an engaging Q&A interaction, where participants discussed career concerns and received valuable guidance from the speaker on navigating the future of engineering in the age of AI.

Webinar Highlights

- Future engineering careers in the age of AI
- Emerging industry trends and opportunities
- Career planning and skill development
- Real-world insights from industry
- Interactive Q&A session with the speaker

Ganesh Pai (Presenting)

What is a career success?

❖ Money? Fame? Job Satisfaction?

Fruits : Money, Fame, Job Satisfaction

Leaves : Benefit to the society (Purpose)

Branches : Unique directions

Stem : Abilities that one develops (Skills)

Seed : Unique temperament (Interests)

Roots : Learning from life lessons

- Every seed is different
- Growth depends on the depth of roots
- No two branches are comparable
- Without leaves, the tree will die
- Fruits are seasonal

10:28 AM | ASME Webinar - CAREERS IN THE AGE OF AI

A heartfelt thank you to Mr. Ganesh Pai for sharing his valuable insights and inspiring students to prepare for the future of engineering in the age of AI.

CAE Workshop

24/3/26 & 25/3/26

OFFLINE

NO. OF PARTICIPANTS = 65



Introducing

Bridging Theory and Simulation

ASME CCOEW Student Section successfully organized a two-day Hands-on Workshop on Advanced CAE Simulation to provide students with practical exposure to industry-relevant simulation tools and techniques. Conducted under the guidance of CAE expert and Eleno Co-founder Nachiket Phadke Sir and his team, the workshop bridged the gap between classroom learning and real-world engineering applications in the automotive and defence sectors.

Feature Spotlight

Hands-On Learning with Industry Applications

The workshop introduced students to crash analysis and simulation using ANSYS LS-DYNA. Through hands-on activities and real-world case studies, including defence vehicle bullet penetration and EV battery drop analysis, participants gained practical insights into solving engineering challenges using CAE tools.

Workshop at a Glance

- Two-day hands-on training on Advanced CAE Simulation using ANSYS LS-DYNA.
- Expert guidance from Nachiket Phadke Sir and the Eleno team.
- Introduction to EV crash analysis, crashworthiness, and vehicle safety standards.
- Hands-on projects.
- Interactive doubt-solving sessions and industry-focused learning experience.



Digital Twin Arena

9/04/2026, 10/04/2026
11/04/2026

OFFLINE

NO. OF PARTICIPANTS = 100

Event Overview

As part of Innovation 2026, the annual technical fest of MKSSS Cummins College of Engineering for Women, the ASME CCOEW Student Section organized Digital Twin Arena, an engaging event designed to introduce participants to the rapidly growing field of digital twin technology. Through interactive activities and real-world applications, students explored how virtual models can be used to monitor, analyze, and optimize physical systems.



TwinLab & TwinTrials: From Learning to Application

The event featured TwinLab, an interactive booth where participants explored the fundamentals and real-world applications of digital twins through case studies on smart cities, water networks, healthcare systems, and digital wind farms. Students then participated in TwinTrials, where they analyzed datasets, transformed raw data into meaningful insights, and worked with digital twin dashboards and simulations to identify inefficiencies, evaluate system performance, and propose practical engineering solutions.

Internship Talk

24/4/26 & 26/4/26

OFFLINE AND ONLINE

NO. OF PARTICIPANTS = 65

Event Overview

The ASME CCOEW Student Section successfully organized Internship Talk 6.0, an interactive event aimed at guiding students on internships, career opportunities, and industry expectations. Through sessions led by seniors and alumni, participants gained valuable insights into professional growth and career planning.



Learning from Experience

The first segment, conducted offline, featured seniors sharing their internship experiences across diverse domains such as supply chain management, machine learning, design, and other emerging fields. Students learned how academic concepts are applied in industry while gaining practical advice on resume building, interview preparation, skill development, networking, and maximizing internship opportunities.

Building Confidence

Both sessions encouraged active participation, allowing students to interact with speakers, ask questions, and gain real-world perspectives.



Maharashtra Student Section Meet 2025

09/08/2025

OFFLINE

ASME CCOEW DELEGATES = 7



Feature Spotlight

Industry and Research Exposure

Participants interacted with experts from leading organizations such as Altair, John Deere, ANSYS, CADFEM, and Elite Channel Partner, who shared insights into industry trends, CAD technologies, and simulation applications.

Proud Moment for ASME CCOEW

A special highlight of the event was that one of our team members received the opportunity to perform anchoring during the meet, making the experience even more memorable for the chapter.

Introducing

ASME CCOEW at Maharashtra Student Section Meet 2025 – IIT Bombay

Members of the ASME CCOEW Student Section had the opportunity to attend the Maharashtra Student Section Meet 2025, organized by ASME Maharashtra and hosted at IIT Bombay. The event brought together ASME student sections, industry professionals, faculty members, and students from across Maharashtra for a day of learning, networking, and collaboration.

Learning Beyond the Classroom

The meet featured sessions on engineering education, computational mechanics, leadership, and professional development. Students gained valuable insights into ASME's vision, student engagement strategies, and the importance of leadership and teamwork in engineering careers.

Meet Highlights

- Engineering Education Seminar on Computational Mechanics
- Leadership & Development Workshop
- Networking with ASME professionals and student leaders
- Industry-academia interaction sessions
- Research presentations by IIT Bombay PhD scholars
- Anchoring opportunity for an ASME CCOEW member



Orbitron Workshop

7/08/2025, 8/08/2025,
9/08/2025

OFFLINE

ASME CCOEW DELEGATES = 4

Hands-On Aerospace Learning

Some members of ASME CCOEW attended the Orbitron Workshop organized by the ASME-VIT Student Chapter as part of Mechnovate'25 at VIT Vellore. The three-day workshop provided practical exposure to CanSat technology and aerospace applications through interactive learning and team-based activities.

Building a CanSat System

Participants worked on developing a functional CanSat using 3D-printed components, sensors, breadboards, and ESP32 microcontrollers. Students designed transmitter and receiver modules for wireless communication and real-time data collection while gaining experience in hardware integration and system design.

Practical Experience

Through guided mentorship and hands-on activities, participants enhanced their problem-solving, teamwork, and technical skills while gaining valuable exposure to real-world aerospace and embedded system applications.



Technical Takeaways

The workshop covered:

- CanSat technology and applications
- Sensor integration and data acquisition
- ESP32 microcontroller programming
- Wireless communication systems
- Aerospace engineering fundamentals

Key Learning Outcomes

Participants gained practical knowledge of microcontrollers, sensors, communication systems, and aerospace applications while improving their technical and analytical skills through project-based learning.



We thank the ASME-VIT Student Chapter and the organizers of Mechnovate'25 for providing this valuable learning opportunity and enriching experience.

ADVISOR'S NOTE



The Guiding Force behind ASME CCOEW 2025-26

Dr. Ajit Bhosale

"It is with immense pride that I reflect on the achievements of the ASME CCOEW Student Section during the academic year 2025-2026. The year showcased the dedication, technical curiosity, and leadership of our students through various impactful initiatives, including expert sessions, hands-on workshops, technical events, and industry-focused activities. Events like the Digital Twin Arena, Internship Talk 6.0, and the Monthly Blog Initiative demonstrated the chapter's commitment to bridging academic learning with real-world engineering practices. The ASME Most Significant Membership Growth Award 2025 is a testament to the team's hard work, collaboration, and growing impact. I appreciate the students' efforts and encourage them to continue exploring emerging technologies, building industry connections, and taking forward this spirit of innovation and leadership."

CHAIR'S NOTE



The Architect behind ASME CCOEW 2025-26

Ananya Bhusare

"Serving as the Chairperson of the ASME Student Section for the year 2025-26 has been one of the most defining experiences of my journey so far. What started as a responsibility gradually turned into an opportunity to build, lead, and create impact alongside a team that was equally driven. From technical workshops and webinars to initiatives like the Digital Twin Arena at Innovation, we consistently pushed ourselves to bring in ideas that were not just informative, but engaging and relevant.

What stands out the most to me is the kind of environment we were able to create, one where students showed up, participated, and left with more clarity and confidence than they came in with. None of this would have been possible without the team's effort and the constant support from our faculty. As we move ahead, I'm confident that the section will continue to take on bigger ideas, create meaningful experiences, and grow into an even stronger community of future engineers."

Timeline

Obitron Workshop



Maharashtra Meet

Internship Talk



Timeline

Orientation



Careers in AI



CAE Workshop



Innovation



ASME CCOEW Wins Most Significant Membership Growth Award 2025



The ASME CCOEW Student Section was honored with the Most Significant Membership Growth Award 2025 by ASME India, recognizing its **outstanding growth** and **active student participation**. This achievement reflects the dedication of the student members and committee in organizing impactful technical and professional development activities. The award serves as an inspiration to continue fostering innovation, leadership, and excellence among future engineers.



Story of Impact

A Year of Growth and Impact

As we conclude another successful year, we take pride in the growth, achievements, and experiences that defined the journey of the ASME CCOEW Student Section. From technical workshops and competitions to industry interactions and innovative events, each initiative contributed to fostering learning, leadership, and collaboration among students.

We extend our sincere gratitude to our members, faculty advisors, alumni, and participants whose support and dedication made these accomplishments possible. As we move forward, we remain committed to inspiring innovation, empowering future engineers, and creating new opportunities for growth. Together, we learn, innovate, and lead.



@ASME_CCOEW

Engineering the Future, Together

Together, we continue to learn, innovate, and grow. We thank our members, faculty, alumni, and supporters for being a part of the ASME CCOEW journey and helping us build a stronger engineering community.

Scan the QR code to connect with us and stay updated on our latest activities and events.