



# THE ASME CCOEW GAZETTE

THE OFFICIAL BIANNUAL NEWSLETTER OF ASME - CCOEW

LEARN , DISCOVER , IMPLEMENT

EDITED BY: RASHI GULHANE





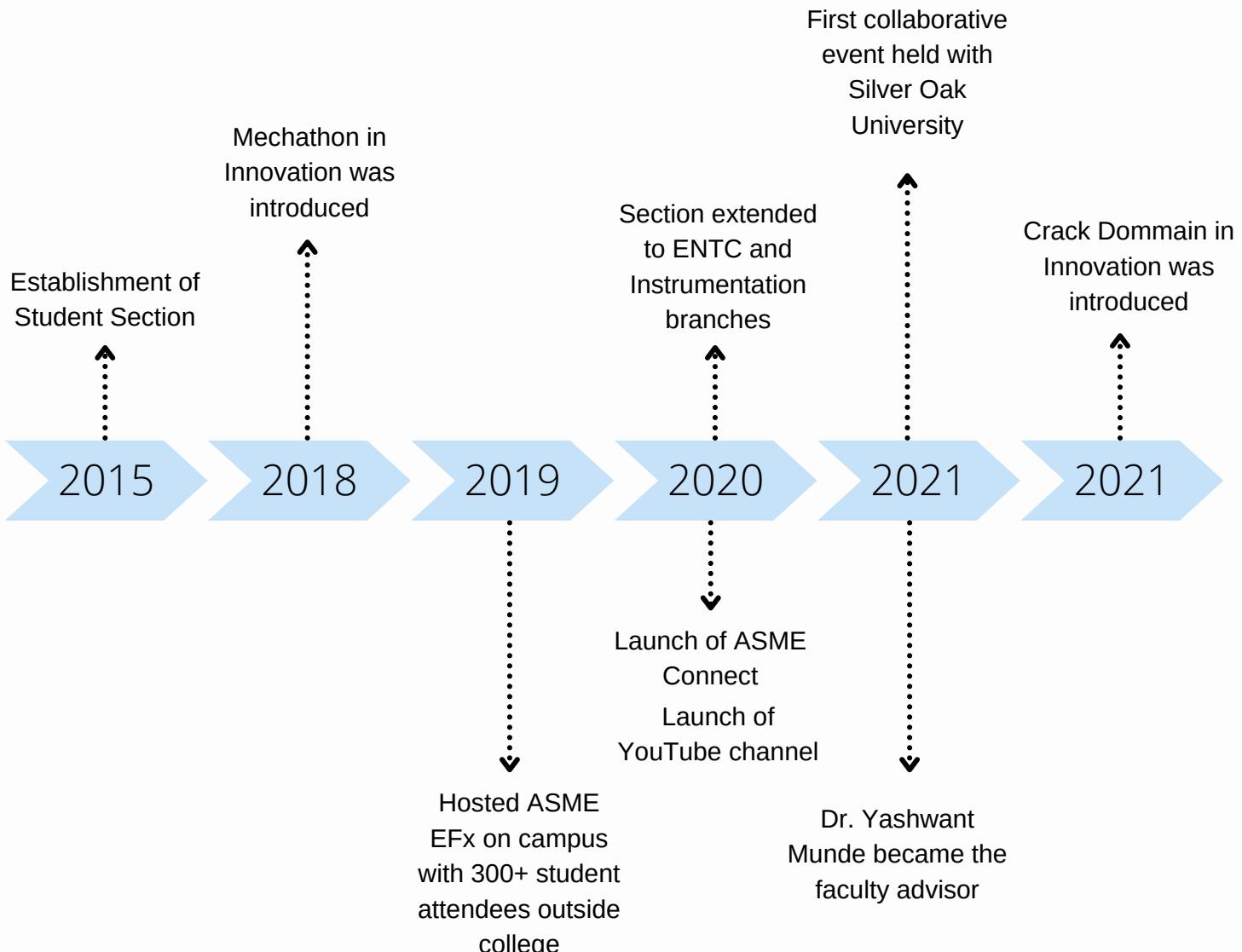
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**Cover story:**  
**Crack Domain**

## MILESTONE MARKER



### Section Achievements (Feb 2022- July 2022)



Ms. Asra Fatima Husain and Ms. Prajakta Joshi entered the semi-finals of Environmental Systems Division competition in E-fest Digital 2022.



# ASME Cummins Student Section Panel 2021-2022

**Rasika Kalokhe**  
*Chairperson (2021-22)*



**Radhika Joshi**  
*Vice Chairperson (2021-22)*



**Prajakta Joshi**  
*Vice Chairperson (2021-22)*



**Awanti Marathe**  
*Secretary (2021-22)*



**Asra Husain**  
*Associate Secretary (2021-22)*



**Kshitija Chavan**  
*Public Relations Head (2021-22)*



**Pradnya Sonwalkar**  
*Associate Public Relations Head (2021-22)*



**Rutuja Sakhare**  
*Program Head (2021-22)*



**Poorva Ghanekar**  
*Associate Program Head (2021-22)*



**Paridhi Bhagwat**  
*Branch Representative(EnTC) (2021-22)*



**Shraddha Mandhare**  
*Branch Representative(Instrumentation) (2021-22)*



**Mrudul Chaudhari**  
*Documentation Head (2021-22)*



**Rashi Gulhane**  
*Newsletter Editor (2021-22)*



**Nidhi Wadhwa**  
*Publicity Head (2021-22)*



**Shamal Jadhav**  
*Associate Publicity Head (2021-22)*



**Maithili Deshpande**  
*Treasurer (2021-22)*



**Srushti Deore**  
*Outsourcing Head (2021-22)*



#StrongerTogether

## ~ OUR MISSION ~

To serve diverse global communities by advancing, disseminating and applying engineering knowledge for improving the quality of life and communicating the excitement of engineering.

## ~ OUR VISION ~

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

# Change for the Future

Webinar- Trends & Opportunities in renewable energy industry

**By Srushti Deore**

**T.Y. Btech Mechanical**

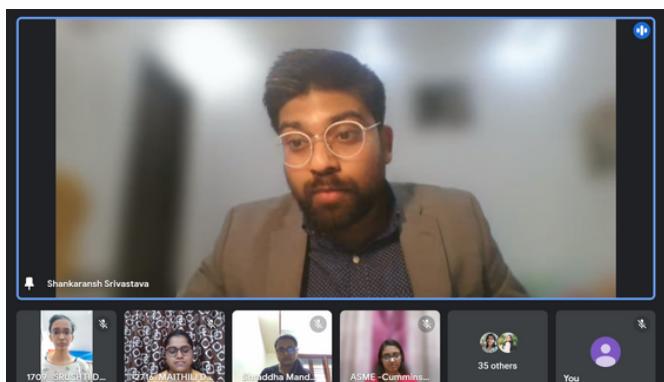
It is important to keep up with the trends in the industry and stay updated with new technologies and techniques. The ASME Cummins Student Section organised a webinar on the topic - Trends in the Renewable Energy Industry. The guest Speaker for this was Mr. Shankaransh Srivastava who is working as the Vice President of Marketing at SmartHelio Enterprise. With an expertise and experience of 8+ years in Solar Industry. It was conducted on the Google meet virtual platform.

The webinar emphasized on how Solar panels continue to become more efficient, enabling homes and businesses to produce more electricity in a limited space. Increasingly, solar PV panels are lighter weight, have a sleeker appearance and thinner profile, making them more visually appealing. In addition, solar shingles are becoming more widespread, and there are more available products than ever before. Despite these improvements, solar energy costs seem to be remaining relatively stable.

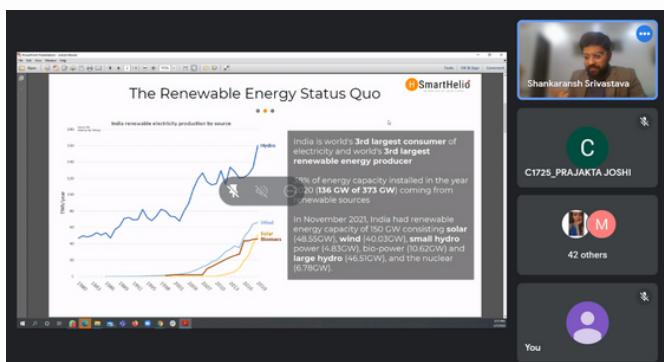
In addition to this, how solar panel manufacturers are offering longer warranties than ever before, making solar a safer investment. Even liquid solar panels are being developed and show promise. Likewise, solar inverters are also advancing, helping to boost total solar system efficiency.

It was a very great and insightful session. Looking forward to attend more such sessions by ASME Cummins Student Section.

*Feedback from attendees- "The session was very informative and engaging".*



Mr. Shrivastava engaging and interacting with the audience



Mr. Shrivastava introducing the renewable energy statistics

# Make your mark!

**Internship talks 2.0**

**By Sakshi Nitin Joshi**

**S.Y. Btech Mechanical**

To the optimist the glass is half full, to the pessimist the glass is half empty. To an Engineer the glass is full of water and partially with air. Science is concerned with what is possible and Engineering is concerned with making the impossible possible.

To make such a unique and technical point of view ASME is here. They always give a platform to engineers to fly out with different colours. A little while back ASME CCOEW had their first offline event for the year. It was concerned about how to maintain technical approach during all the time and to stay observant as well. The keynote speaker was TPO officer Prof. Rajurkar sir who gave a notion about internships, how to secure them, how to succeed over there! And so forth.

He simply said that to observe means not to look only but to use all five of your senses to recognize, analyse and recall your surrounding developments.



Speakers for the session (left to right): Sidhi Kinage, Awanti Marathe, Rasika Kalokhe, Radhika Joshi, Rutuja Sakhre, Nidhi Wadhwa.



Mechanical auditorium filled with attendees



Keynote speaker Prof. Amit Rajurkar interacting with the audience.

"Salient for internship is to observe, think, and act. Don't work for yourself, work for the company." This is the mantra which we came to know after having an occult and strong talk with our seniors. Millions of thanks to our superior seniors Rasika Kalokhe, Awanti Marathe, Radhika Joshi, Nidhi Wadhwa, Rutuja Sakhre and Sidhi Kinage.

This was the first offline event conducted for the session 2021-2022 and it was a grand success with maximum event attendees. All the Covid-19 protocols were followed.

**Feedback from attendees- "We never got to know about internship experiences before in such detail".**

# "The shell must break before the bird can fly"

- Tennyson

Innovation Event: Crack Domain  
**By Akshata Vaditake**  
**T.Y. Btech Mechanical**

Crack Domain's name itself suggests that you have to understand any particular problem statement and get a solution to it. The event organized by ASME was really exciting. We were given a problem statement related to



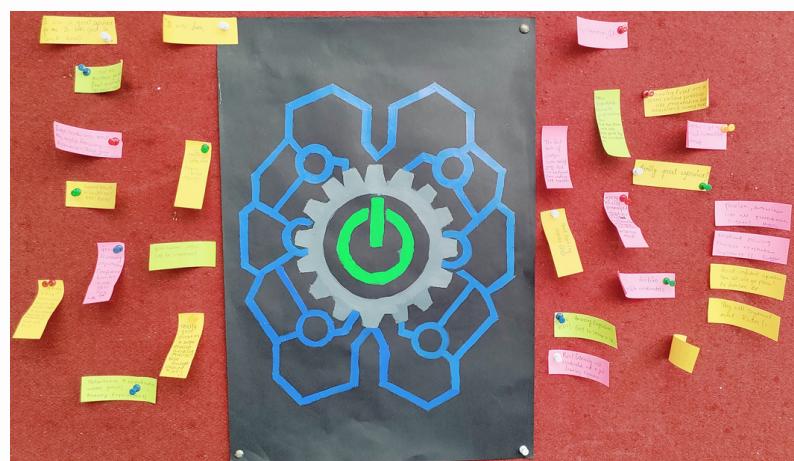
Judges giving feedback about the event and the determination of all our participants

the domain we have chosen and the best part of it was open-ended. We were given time to search for solutions, analyze them and find one most efficient solution for that particular problem. While searching for a solution we were able to picture the theory we are taught in classes and how things we are learning in the class could lead us to a practical, efficient, economical solution. This event kind of gave us a different vision to find problems around us and apply our engineering knowledge to solve those problems most efficiently while keeping in mind socioeconomic factors and empathizing with the problem statement. The main domains from the event were: Automation, Bio-medical Engineering, Drone Technology, Disability, Environment.

Invited industrial judges for the event were Santosh Pathrudkar & Gargi Singh. The decision making was a tough job as all the participants gave a tough competition.

Winners of Innovation event Crack Domain were:

- 1st position won Rs 5000 cash prize - Anwesha Sen and Gayatri Jadhav
- 2nd position was awarded Rs 3000 cash prize- Akshata Vaditake and Sanskruti Gaikwad
- 3rd position received Rs 2000 prize - Shivani Mishra and Vismaya Mulay
- Special Mention - Janvi Shinde and Anvi Shah, received ASME goodies.



Feedback board set up outside the conference hall



Participants brainstorming on their problem statements