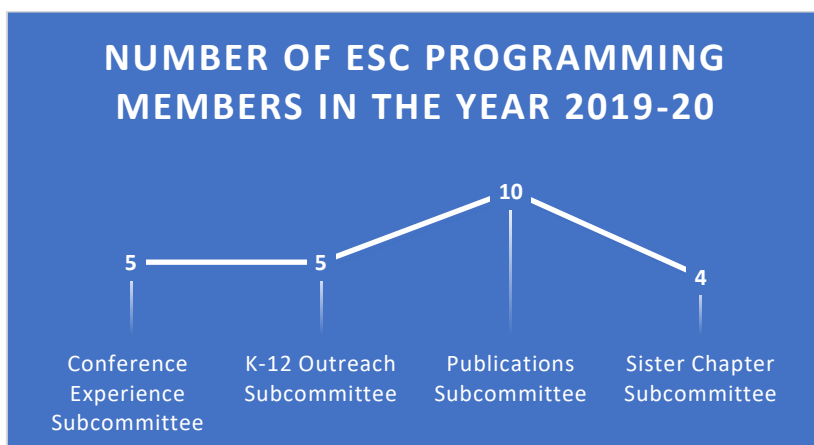


Dear SCC, ESC and AIChE Staff,

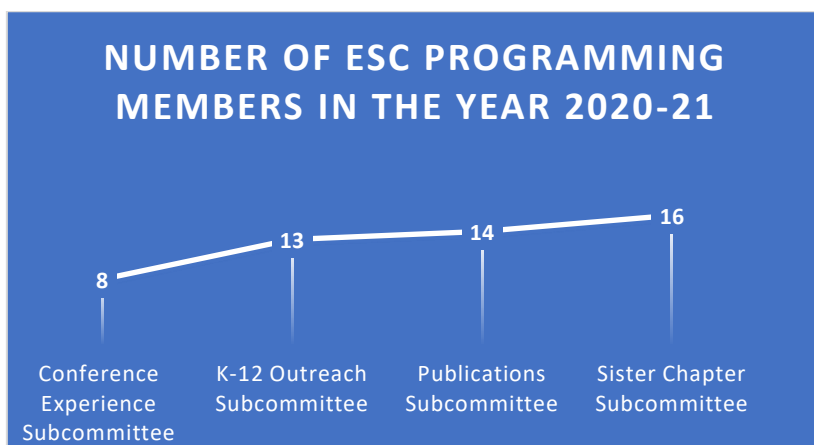
As AIChE Executive Student Committee 2020-21 has come to an end so, I want to acknowledge all the Past ESC Programming Subcommittee Members 2020-21 for their outstanding work and contribution to AIChE and AIChE ESC. Year 2020-21 was just an amazing year with full of milestones and accomplishments for all the ESC Programming Subcommittees.

### Growth of Programming Subcommittees

In the year 2019, all the four Programming Subcommittee was initiated by the Executive Student Committee and Student Chapter Committee i.e. Conference Experience, K-12 Outreach, Publications and Sister chapter Subcommittee. As it was an inaugural year for all this four subcommittees, it was quite difficult for everyone to get started with the work.



But the next year (2020-21) there was increment in each and every perspective of all the Programming Subcommittees. I am proud to inform you that the 2020-21 year was one of the greatest and remarkable year for Programming Subcommittees in the terms of Progress and also the most active Subcommittees of AIChE ESC during tenure. I am Pleased to inform you that each and every one from the Programming Subcommittees had put their utmost efforts and hard work to carry out all the success that we have achieved this year for AIChE and AIChE ESC.



## PROGRAMMING SUBCOMMITTEES IN THE YEAR 2020-21

### 1. Conference Experience Subcommittee

#### **I. Integration Activity September 19<sup>th</sup>, 2020.**

During the first general call of all ESC members, the conference experience subcommittee prepared an activity to make an integration between all ESC members. Although not many joined, it was quite enjoyable and a few members from the different subcommittees and regions were able to meet and play some online games.

#### **II. Student Regional Conferences.**

##### **A. Domestic Region Conference**

Not many of the host schools in North America want ESC conference subcommittee to help them, however every effort was taken to communicate with them and inform that we were there to help them in their Virtual Student Regional conference.

##### **B. International Region Conferences.**

###### **i. Southern Asia Region – India.**

From the international regions, activities were carried out to promote the Southern Asia Student Regional Conference. A video was recorded to invite more members to participate in this conference hosted by NIT Rourkela and this video was posted on Instagram (ESC).

###### **ii. Latin America Region.**

From the Latin American region, the respective communication was made, but they only had ChemE Jeopardy and Poster competition and the host school (Universidad Nacional de Colombia- Medellín) closed the registrations long before they communicated to us for promotion on Social Media.

###### **iii. Asia Pacific Region – Indonesia.**

During the month of February, we supported and attended the SRC from Indonesia. The host school was Bandung Institute of Technology. A post was made on Instagram with the information. The team manager, Zefania Paraventia invited the ESC Executive board and members of the Conference Experience Subcommittee to attend the Conference.

**III. Birthday's cards.**

In the first monthly meeting, we have taken the initiative to add birthday stories of ESC Members on the social media that ESC manages. This initiative has been started since October 2020.

**IV. Annual Student Conference.**

The conference Experience Subcommittee was in attendance during the 2020 AIChE Recruitment Fair for one hour, where we had spread a word about ESC as well as made a short presentation about our team and played ESC trivia on Kahoot.

**V. New Business.**

On the Europe and Africa region, there are two Universities that would want to take the initiative to be the host of Student Regional Conference, and in the Middle East there are some universities who had shown the interest, but have not yet reached a consensus on who wants to take the decision to host.

**Conference Experience Subcommittee Members 2020-21**

Rosa Inés Pinchao Chalaca (Chair), Abhisek Agarwal, Alvaro David Luna Chinchayhuara, Aura Alvis, Jhalak Golani, Kallakuri Rohit Bharadwaj, Shreyash Savant, Yash Makwana

## **2. K-12 Outreach Subcommittee**

**I. Publicized the K-12 Outreach Program.**

K-12 Outreach Subcommittee members actively publicized the program in every region of AIChE and encourage the chapter to appoint K-12 Head/Coordinator for the better communication with ESC.

**II. Encourage the student chapters to prepare the K-12 Modules.**

To boost the zeal of student chapters K-12 subcommittee has also taken an initiative where we are featuring glimpses of K-12 activities of chapters on ESC Social Media handles so that the other chapters can take inspiration.

- III. Received most number of submissions for STEM Showcase.**  
Received 80+ submissions in K-12 Outreach STEM Competition at AIChE Annual Student Conference 2020, which was highest comparably then last year 2019.
- IV. Volunteered in K-12 STEM Outreach Competition.**  
Members from K-12 Outreach Subcommittee had volunteered in K-12 STEM Outreach Competition at Annual Student Conference 2020 and helped the staff members in all the aspects.
- V. Review the submissions for K-12 STEM Competition.**  
K-12 Outreach Subcommittee members had helped the National K-12 Outreach committee to review the submissions for the K-12 STEM Competition at Annual Student Conference.
- VI. Translation of K-12 Modules in Regional languages.**  
We are translating our modules to various regional languages for those regions where English is not the second language for the study. To support the K-12 Program, our K-12 Outreach Team had started this initiative.
- VII. All useful Information at one place.**  
We have created a link tree where all the useful information is kept and we are circulating it in every possible regions to encourage the chapters to take part in our K-12 Outreach Program.  
[https://linktr.ee/K12\\_Outreach\\_program](https://linktr.ee/K12_Outreach_program)
- VIII. Database for the K-12 Outreach Modules.**  
Our team had created one database of all the K-12 Video Modules to help the student chapters to initiate the K-12 Program in their respective regions.

**K-12 Outreach Subcommittee Members 2020-21**

Kanishk Singh (Chair), Emily Dalila Pagoaga Maldonado, Katherine Denisse Zambrano Castillo, Kruthi Annigeri, Laura Juliana Zambrano, Natasya Angelina, P Pritesh Kumar Patro, Sakarwala Mohammad Zaid, Shubh Bharat Parekh, Swapnil Banerjee, Zelma María Mejía Galeas, Arnold Ludwig Lazaro Riquez

### 3. Publications Subcommittee

#### **I. Designed a New logo of ESC**

Our team had designed a new logo with some bright Colour compare to our previous one as there was some colour rational for particular set of students, which was informed to us by ESC Chair.

#### **II. Online Chem-E-Jeopardy Week on our Social Media**

Our team had organised an online Chem-E-Jeopardy where for five days an online jeopardy quiz with five questions per day and then announcing the results by the end of the week. This had turn around to be major success with more than 500 ChemE student participating around the world.

#### **III. Increase in Social Media Followers**

The social media team marketed the ESC and developed 1000+ followers on the most used platform by students these days (Instagram). Currently, we have 1,413 followers on our Instagram.

#### **IV. Inclusion of new Social Media Platform (ESC on LinkedIn)**

We have been actively engaged with AIChE student members on our social media platform like Facebook, Instagram and Twitter. This year our team had started a new LinkedIn account for the ESC to get more reach about our organisation as well as to get updates about the all-professional activities around the world.

#### **V. AIChE Student Central (AIChE Engage)**

Our team had actively participated in the Discussions and helped many students with Answers regarding AIChE and AIChE ESC's questions.

#### **VI. ESC Show and Tell Video Competition**

ESC is showcasing the video of ESC show and tell video competition to get more reach of people, and let people know about how other university and chapter works.

#### **Publications Subcommittee Members 2020-21**

Marina Nunes Lamim(former Chair), Deeya Bhatt(Interim Chair), Andrés Felipe Chaux Mayor, Rohit Goswami, Vedant Adhau, Anushka Ranaut, Kalpak Chakraborty, Amada Sofia Chaves Garzón, Sheetal Maheshwari, Mia Hajj, Eleena Banerjee, Saharsha Das, Bruno Fracaroli.

## 4. Sister Chapter Subcommittee

### **I. Publicized the Sister Chapter Program.**

Sister Chapter Subcommittee members actively publicized the program in every region of AIChE and encourage the chapter to appoint Sister Chapter Head/Coordinator for the better commination with the ESC.

### **II. Approval of AIChE Outstanding Sister Chapter Award**

Our team had successfully approved AIChE Outstanding Sister Chapter Award from AIChE Staff so that more and more chapters participate in Sister chapter Program.

### **III. Designed a logo for ESC Sister Chapter Subcommittee**

Our team had designed a unique logo for Sister Chapter Program to encourage chapter to get involved.

### **IV. Evaluation of AIChE Outstanding Sister Chapter Award 2020**

Our team had evaluated all submissions for the Outstanding Sister Chapter Award 2020 and announced the Outstanding Sister Chapters at AIChE Annual Student Conference 2020.

### **V. New Set of Events**

Our team has designed few events for all the sister chapters through which they can interact more and carry regular activities between both the chapters.

### **VI. New Method of Matchmaking**

Our Team had designed a new method for matchmaking the new Sisterhoods. This method helps the chapter to find the best Sister Chapter from their area of interest.

### **VII. Formulation of Sister Chapter in the year 2020-21**

Our Team had helped more than 40 AIChE chapters in the formulation of their Sisterhoods.

### **Sister Chapter Subcommittee Members 2020-21**

Smriteek Dash(Chair), Aline Mota Gordilho, Alejandra Maria Inestroza, Anjali Suthar, Aura Cristina Ramírez Ramírez, D.V.Mohit Madhav Rao, Juan David Sarmiento Gómez, Julian Federico Sanchez Caldas, Kaustuv Ray, Laura Camila Camargo Contreras, Laura Camila Quintero Franco, Neeraj Warriar, Parth Agarwal, Paula Geraldine Fonseca Ballesteros, Sparsh Modi, Suraj Daryana

## VIRTUAL WORLD TOUR BY SISTER CHAPTER AND K-12 OUTREACH SUBCOMMITTEE

The mission of this Virtual world tour was to spread a word about Sister Chapter Program and K-12 Outreach Program in all the AIChE regions. I got to know in the Presidents Meeting at 2020 AIChE Annual Student Conference that many of the chapters were having doubts or were not aware about this two wonderful Program. I thought the best way to come up with this concern was by conducting, one combined session of K-12 Outreach and Sister Chapter Program in each AIChE region so that the respective officers(K-12 Outreach and Sister chapter Officers) or the President or any other Executive Board members of that particular regional chapters can attend this session and ask their quires and get to know more in depth about both the Program.

I, along with both the Chair and their Subcommittee members of K-12 Outreach and Sister chapter Subcommittee had an interactive session in various AIChE regions. We had also invited the winners of 2020 K-12 Outreach STEM Competition and Chapter members who were awarded with 2020 Outstanding Sister Chapter Award to share their experience with other AIChE Chapters and their members.

### *Agenda for the Session*

1. K-12 Outreach Subcommittee
  - Introduction of K-12 Outreach Program and ESC K-12 Outreach Subcommittee.
  - Face to face session with all the ESC K-12 Outreach Subcommittee where other officers of the chapters can ask their queries and get a fair overview of the program.
  - We had provide a few virtual modules from which chapter can start their outreach.
  - Get a Chance to interact with the winners of K-12 Outreach STEAM Competition and get to know about their experience.
  
2. Sister Chapter Subcommittee
  - Introduction of Sister Chapter Program and ESC Sister Chapter Subcommittee.
  - In-depth discussion of all the official procedures related to the Sister chapter Program.
  - Any queries on how to increase the collaboration and/or conducting events will be addressed.
  - 2020 Outstanding Sister Chapter Award Chapter recipient will share their experience.
  - An outline on the Annual Sister Chapter Report to be submitted before January 31, 2021.

*Here is the one of the recoded session of our Virtual World Tour - [HERE](#)*

*Finally, I would like to thanks AIChE Staff, Emily Miksiewicz, Gina Gatto, Harpreet Singh and Owen Hart as well as my team, all the Programming Members 2020-21 for their valuable contribution toward the AIChE and ESC and making 2020-21 year the BEST.*

Sincerely,



**Parth Patel**

**Programming Director**

**AIChE Executive Student Committee 2020-21**