

**AMERICAN INSTITUTE OF CHEMICAL  
ENGINEERS**

**BITS PILANI DUBAI STUDENT CHAPTER**

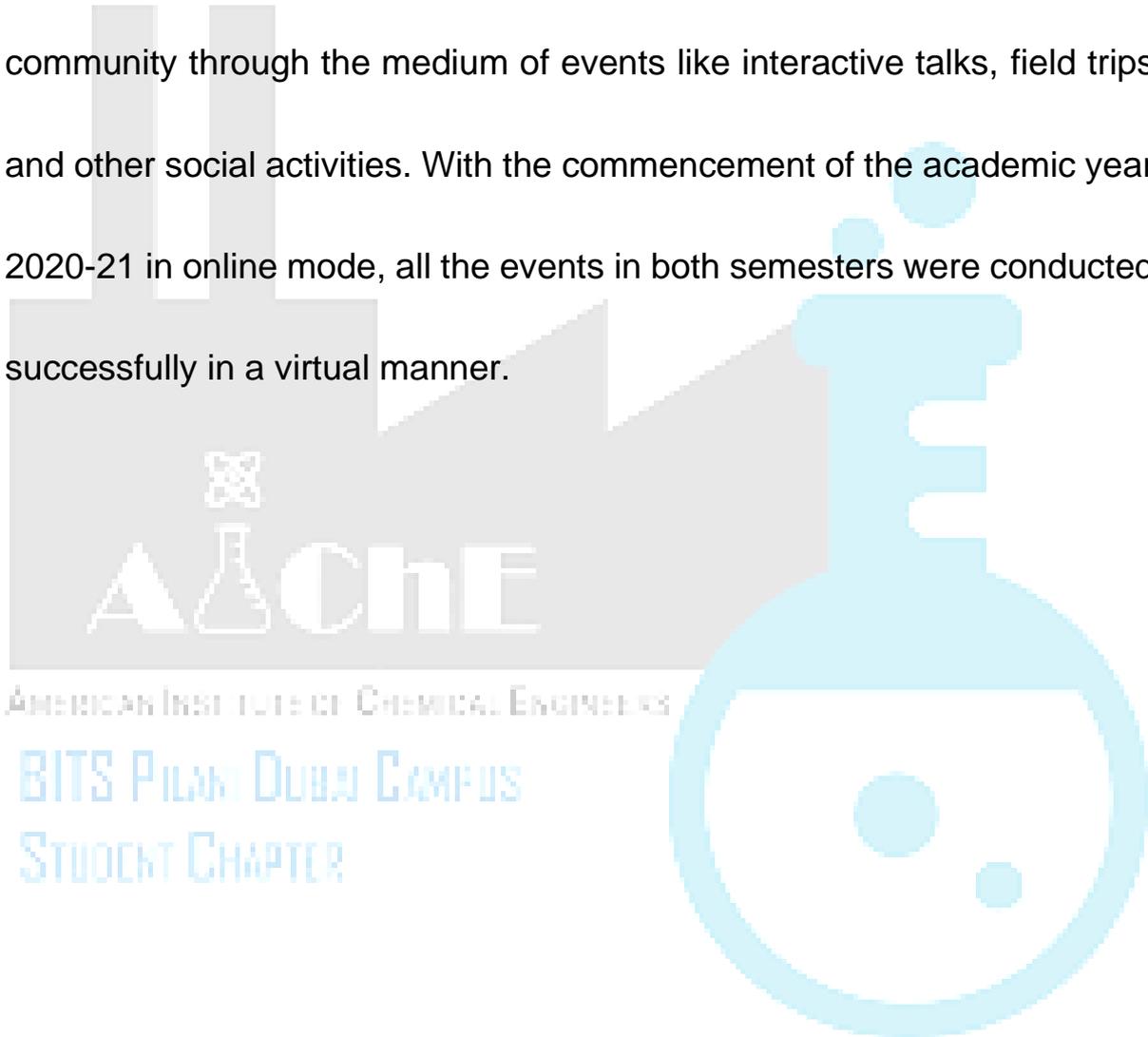
**ANNUAL REPORT**

**2020-2021**



## Introduction

AIChE Dubai Campus has been one of the most engaging organizations of the BITS Pilani Dubai Campus. It is the face of the Chemical Engineering department. It looks to engage the chemical engineering community through the medium of events like interactive talks, field trips and other social activities. With the commencement of the academic year 2020-21 in online mode, all the events in both semesters were conducted successfully in a virtual manner.



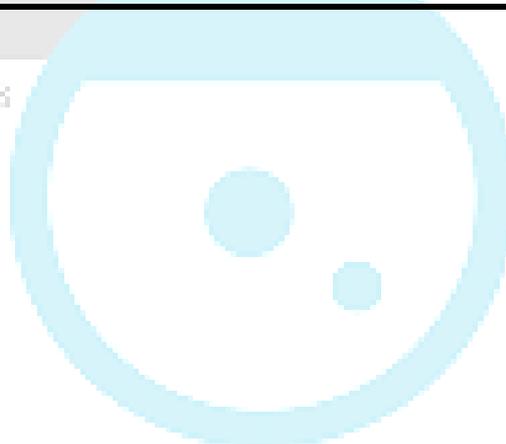
# STRUCTURE AND CORE COMMITTEE MEMBERS

<b>President</b> Rigveda Janai		<b>Vice-President</b> Prarthanaa Sankar
<b>General Secretary</b> Rohit Kallakuri	<b>Student Advisor</b> Viniith Sarawate	<b>Treasurer</b> Siddhant Singh
<b>Social Department</b>	<b>Media &amp; Outreach Department</b>	<b>External Affairs Department</b>
<b>Vaishnavi Satoskar (Head)</b>	<b>Saad Alam (Head)</b>	<b>Lakshya Bhartia (Head)</b>
<b>Officers</b>	<b>Officers</b>	<b>Officers</b>
Aparna Vivek	Aditi Verma	Krishi Punjabi
Lakshmi Shankar	Yatik Thakwani	Malay Kirit Mehta
Sidharth Rajanand		
	<b>K-12 Department</b>	
	<b>Anugraha Karwa (Head)</b>	
	<b>Officers</b>	
	Abarino Santhosh	
	Ramcharan Tej	

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

BITS PILANI DUBAI CAMPUS

STUDENT CHAPTER



## Semester 1 Events

- **Talk on Spirit of Entrepreneurship:** This was the first event of the year held on 21<sup>st</sup> October. It was a talk given by Mr. S. Kumaravel, Director of Transcrescent FZE. This event saw a huge participation of about 35+ people. The talk was mainly focused on entrepreneurship but also involved plenty of life lessons and pointers which were found to be helpful by the students.



- **Fresher's Orientation – A Spooky Chemfluence:** Each year, an orientation event is held for the new intakes in the chemical engineering department. They are welcomed with fun games, a small introduction of everything they will be facing in the upcoming years and a general interaction with everyone in the department and to facilitate junior-senior bonding. This year, the orientation was conducted online on the 31<sup>st</sup> of October. Due to it falling on this date, it also had a Halloween theme, making it even better! For the first time ever, we also nominated a first-year representative, to increase communication with the freshmen.



- **Ch'Evanescence:** AIChE and Chimera, the biotechnology club hosted the first ever collaboration between the department of

Biotechnology and Chemical Engineering. It was an online event filled with various games, both leisure and technical based, and department-centric activities as well. The event was held on the **7<sup>th</sup> of November** and was enjoyed greatly by students of both the disciplines.

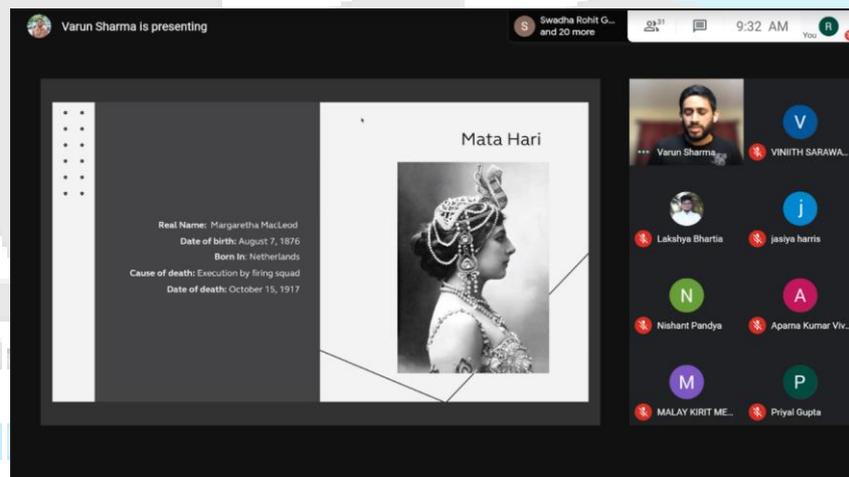


- **Excel for Beginners Workshop:** Microsoft Excel is an essential skill at the university level and at a professional level. Planning a workshop this semester was a bit tricky as most softwares are paid and cannot be accessed remotely. Hence, we chose Excel, which is easily available as well as essential to learn. To give students a hands-on experience on the tool, the student chapter had organized an excel workshop on the **14<sup>th</sup> and 21<sup>st</sup> of November**. The instructor for this workshop was our very own head of the department, Dr. Nishant Pandya. This workshop was six hours long and split into 2 days where the students were given a thorough knowledge of the software and also were able practice some problems. Finally, students were also evaluated based on the skills they had acquired and awarded certificates on completion.

- **Mentorship Programme:** A brand-new initiative known as Mentorship was started by us in order to provide guidance for students of all years seeking advice or information regarding career related queries. The aim of this was to gather information about

each student regarding their interests and future objectives and plans and help to connect them with a suitable mentor, who is either a peer or a faculty from any of the various departments in the university. It also aimed to put students in touch with alumni who are working in the field of their interest so that they can gain more insight in order to make a more solid decision about their future. This is an ongoing project using a platform which is constantly updated according to the student's requirements.

- **Negotiating with Strangers:** This was the final event of the semester, held on the 19<sup>th</sup> of November, and our guest speaker was Varun Sharma, an alumni from BITS Pilani, Dubai who is now the co-founder of Laumiere Gourmet Fruits, California. He described his path to success from a computer science graduate to an entrepreneur and covered important topics such as negotiation skills, business and general tips to get what you deserve!



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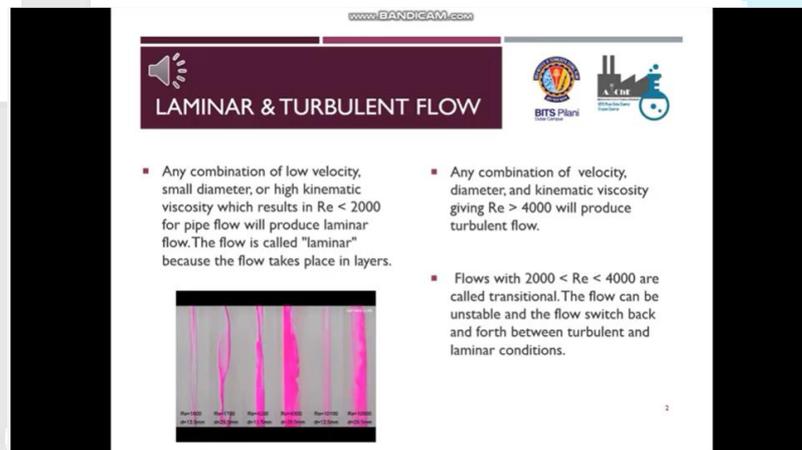
## SEMESTER 2 EVENTS

- **ZeroPlast – Creating a Zero-Waste World:** This talk was a collaboration between AIChE and CIIED, where concepts of entrepreneurship and sustainability were discussed. This talk was given by Aditya Kabra, founder of ZeroPlast Labs on the **11<sup>th</sup> of February**.



- **Microsoft Excel Advanced Workshop:** This workshop was a continuation of the previous beginners workshop and included more intermediate and advanced topics in excel. This was also conducted by Dr. Nishant Pandya and saw a huge participation from students of all four years, as these skills are an essential in the workforce as well as needed as a student. New concepts were covered in-depth including particular topics such as VBA which were requested by students who attended the previous workshop.

- Official YouTube Channel Creation:** Another new initiative started in this academic year was the creation of a YouTube channel for our student chapter. The videos posted on this channel include explanations of laboratory equipment as well as detailed presentations and instructions on how to utilize them. These involve instruments that are quintessential to have knowledge about as a chemical engineer and are the perfect refresher to watch before taking an exam. This is also an ongoing initiative, with more videos being planned out and the channel's future direction being decided. Our videos have almost a thousand views! The link to our Youtube channel is <https://www.youtube.com/channel/UC-5uvx0ltfBioy-rfTLjYZA>



Osborne Reynolds' Apparatus Experiment

688 views • Feb 3, 2021

9 0 SHARE SAVE ...



Flow Measurement Devices (Venturimeter, Rotameter & Orificemeter) Explanation and Experiment

925 views • Dec 21, 2020

22 2 SHARE SAVE ...

- AIChE Conclave:** Discussions are a very important step in the exchange of ideas and the sharing of experiences. Hence, we started the 'AIChE Conclave' which involves discussions conducted with students, alumni as well as other guest speakers and addresses the concerns and clarifications of students. In the first initiative of this programme, the previously started Mentorship programme was incorporated and a platform was created for the students to receive assistance for their future endeavors. The second conclave was conducted on the topic of Practice School II, so as to provide a deep understanding of the internship scenario and the future prospects following it.
- Farewell:** Each year, a farewell event is organized for the graduating batch by the junior students in our student chapter. This year, it was held virtually on the **15<sup>th</sup> of May 2021**. The event was a huge success and involved speeches by the faculty as well as numerous exciting games played by the students to review the knowledge that they had gained over the four years in a fun manner. The students also shared anecdotes and reminisced the university days. A mini award ceremony was also conducted as appreciation towards the batch.

