

REPORT

Symposium on Undergraduate Research and Scientific Advancements

URSA

Organized by:

Indian Institute of Chemical Engineers, Chandigarh Student Chapter

Dr. SSB University Institute of Chemical Engineering and Technology, PU Chandigarh

Sunday, 4th of February 2018

Indian Institute of Chemical Engineers IChE, Chandigarh Student Chapter conducted its flagship event, URSA on 4th February 2018 at Dr.SSBUI CET (Formerly, Department of Chemical Engineering and Technology, PU).

The theme for this year's Symposium on Undergraduate Research and Scientific Advancements (URSA) was **Global Warming: Adaptation and Mitigation** .



The event saw participation from various departments of Panjab University along with colleges such as UPES, Dehradun and even IIM, Indore.

The event kick started by honouring the dignitaries. Professor Emeritus, Prof. S.K. SHARMA ,Prof. V.K.Rattan , Secretary , IChE-CRC and the keynote speaker Mr. Jarnail Singh, Director, The Climate Change Group, India, were all felicitated and greeted with saplings.



Further ,a brief introduction about the department of chemical engineering and URSA was laid down by Mr. Navdeep Kumar, Secretary, IChE Chandigarh Student Chapter. The welcome note was delivered to the audience by Professor emeritus S.K. SHARMA. In his thought provoking speech he gave the audience a brief description of global warming , the ever increasing need to recycle carbon dioxide also,he laid forth the topic for URSA 2019 i.e. ROLE OF ENGINEERS IN SUSTAINABILITY .

Professor emeritus S.K. SHARMA then invited MR. Jarnail Singh,director,The Climate Change Group,India . In his key note ,he laid emphasis on power of idea ,power of belief and leadership. He gave a brief history about THE CLIMATE CHANGE GROUP and how it was started by two Olympic winners in London now,it aims on revolution of ideas and works on making technology adaptable .He explained how it has become a necessity to shift gears to renewable energy and sustainable development .



With his inspiring speech he gave the audience valuable insights which must be kept in mind while discussing such topics.

With this ,the first slot of presentations began. The participants raised plenty issues and various solutions for existing problems,the presentations were followed by a question and answer round which provided a platform for discussion and further exchange of ideas .



Hardik Sharma pointed out in his presentation how in the year 1750 , the concentration of carbon dioxide was 280ppm and has now rise to 406ppm . He also laid forth the major after effects of global warming mainly, severe draughts and flooding, changing seasons and harmful greenhouse gases .

Ozair Ansari quoted in his presentation that ,”we don’t want to change the climate ,we just want the way it should be “.

With six presentations,the first round of event finished. A 30 minutes break was observed in which participants and attendees were provided with refreshments ,meanwhile the preparations for second slot had begun .

The second slot began by a presentation of BERGER PAINTS , the title sponsor of URSA.

They explained the latest painting techniques and how express painting by BERGER PAINTS has taken over the old methods of labour painting. They also gave a brief history of how their company became the second largest paint company in India.



With this ,the second round of presentations began . Each presentation highlighted different aspects of the same problem ; global warming .

Amit and Adarsh quoted during their presentation, "the idea of saving the earth is that someone else will do it ".



With the end of presentations, Dr.Amit Sobti ,delivered a thank you note for the lovely audience ,the participants and the title sponsors. MR.Navdeep Kumar who later joined them on the stage further thanked his team for making this event a successful one .

The results were compiled and the winners were as follows :

1st position: OZAIR ANSARI AND SHIVANSH SHARMA FROM UPES

2nd position: DIVYA SETHI AND MIZUMI FROM DEPARTMENT OF MICROBIOLOGY ,PU

3rd position: ATULYA SINGH AND PRANAV SINGLA FROM DR.SSBUI CET

The winners received a certificate of merit and cash price of rupees 1500,1000 and 700 respectively.

This was followed by distribution of certificate of participation and attendance.



Thus, URSA 2018 , ended on a high note with students proving their creativity ,the team URSA their hardwork and finally everyone showing their mutual concern to fight global warming and save our planet earth .



