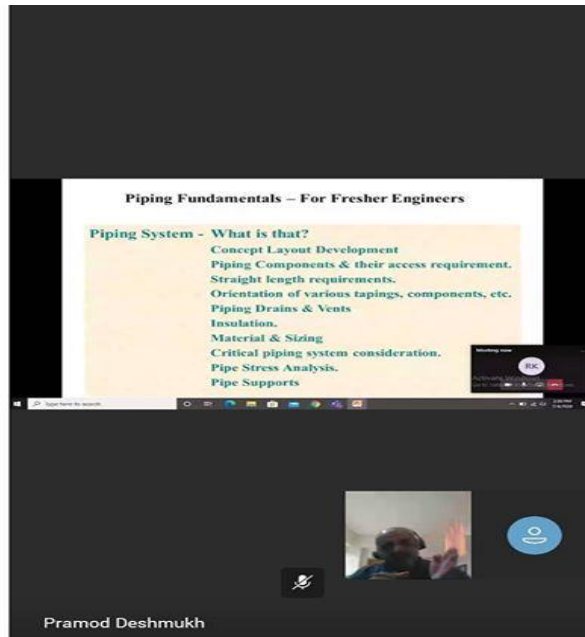


**AISSMS College of Engineering  
Department Of Chemical Engineering**

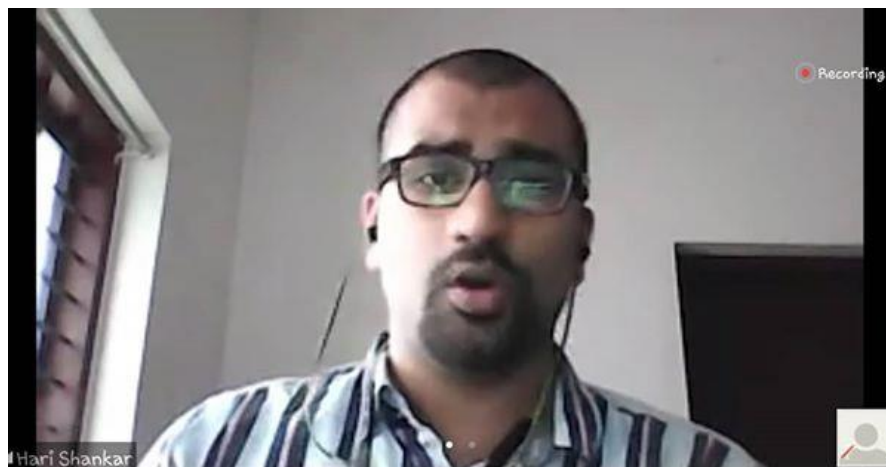
**AIChE Students Chapter**

1. AIChE Student Chapter, AISSMS COE, Pune organized a national Webinar on the topic ‘Piping Design Engineering and Construction’ on July 04, 2020. Mr Pramod Deshmukh, Head, CITP, Asian Academy of Professional Training, Pune was the invite speaker. More than 50 students participated in the event (Student Co-ordinator : Mr. Riteshkumar Kolhapure and Mr. Abhishek Kumbharde, Faculty Co-ordinator and Advisor: Dr. P. N. Dange).



Mr Pramod Deshmukh speaking during the session

2. Department of Chemical Engineering, AISSMS Pune organized a webinar on ‘How to Prepare GATE?’ under AIChE Student Chapter, AISSMS COE, Pune on July 03, 2020. Mr. Harishankar K.V. from Asian Academy of Professional Training, Pune was an invited speaker for the event. More than 65 students of Chemical Engineering, Participated in the event ( Student Co-ordinator : Faculty Co-ordinator and Advisor: Dr. P. N. Dange)



Mr Harishankar K. V. speaking during the session

3. AIChE Student Chapter, AISSMS COE, Pune organized a national Webinar on the topic 'Process Intensification' under on June 23, 2020. Dr. Makrand Pimpalpure, Flow Chemistry Consultant and Founder, Makspeed Technologies, Pune was invited speaker for the program. About 70 students participated in the virtual event (Student Co-ordinator: Faculty Co-ordinator: Dr. P. N. Dange, AIChE Student Chapter Advisor).

**About me**

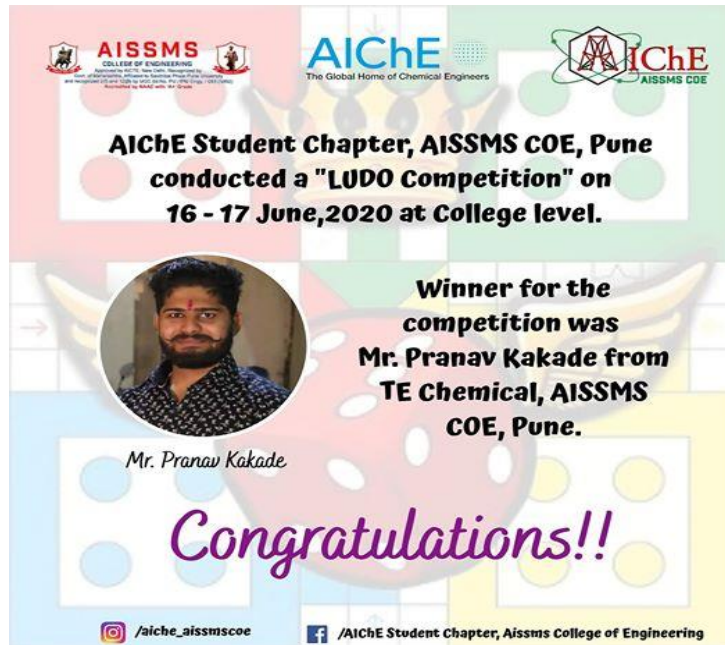
 **Dr. Makrand Pimpalpure**  
**Founder and MD (MakSpeed Technologies)**

- M Tech fro IITM & PhD from University of Twente (Netherlands)
- Research Experience: Reaction/Process Engineering (Experimentation and Modelling & Simulation)
- Organization: GE Plastics, DOW Chemicals, Corning, IndoRama, IITB
- Flow Chemistry Experience: Business Development, Technical Training, Setting-up lab, Process Optimization, Scale-up

Makarand's screen intensification: Dr. Makrand Pimpalpure

Dr. Makrand Pimpalpure spaeking on 'Process Intensification'

4. AIChE Student Chapter of AISSMS COE Pune, organized a Ludo king competition during June 16-17, 2020. About 40 students participated in the prized competition (Student Co-ordinator: Mr Satyam Patil and Mr. Niranjan Deochake, Faculty Advisor: Dr. P. N. Dange).



5. AIChE Student Chapter, Department of Chemical Engineering, AISSMS College of Engineering Pune distributed food packets to poor and needy people in a village Anavadi, Taluka Wai, and District Satara on May 10, 2020. Mr Pranav Pawar, committee member handed over these food packets to distressed people of the village on behalf of the Student Chapter. In all, 27 families in adversity were benefitted in this time of crisis caused by ongoing deadly COVID-19 pandemic. This move was greatly lauded by the village administration who thanked AIChE Student Chapter and AISSMS COE, Pune for this noble cause. (Student Co-ordinator : Mr Pranav Pawar, Student Chapter Advisor: Dr. P. N. Dange).



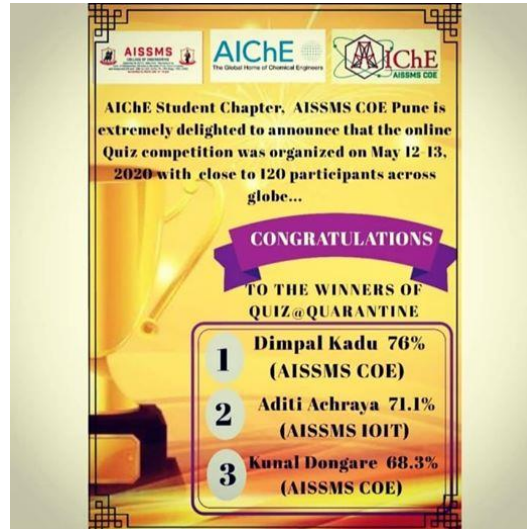


Mr Pranav Pawar, SE Chemical Student distributing food packets to needy people

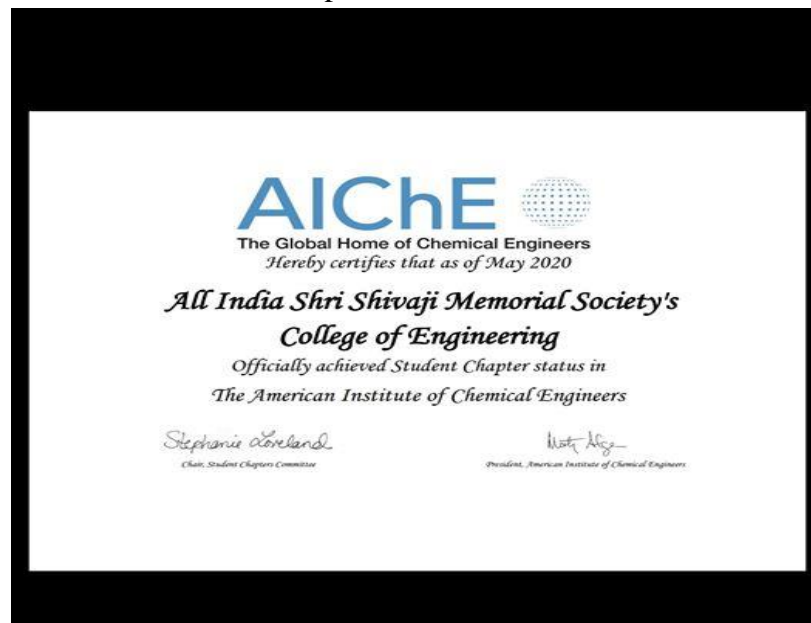
6. A poster competition organized online by AIChE Student Chapter, AISSMS COE, Pune between 29th May 2020-3rd June 2020. The theme for the competition was "Protecting the Environment for Sustainable Future". Ms. Khushali Ekbote from Second Year Civil Engineering, AISSMS COE, Pune won the first prize (Student Co-ordinator: Ms. Shivani Ninal and Ms. Dikshita Mehta, Faculty Advisor: Dr. P. N. Dange).



7. AIChE Student Chapter, Chemical Engineering Department, AISSMS COE, Pune organized a quiz competition, QUIZ@QUARANTINE on May 12-13, 2020. Quiz comprised multiple choice questions on physical, Chemistry and Mathematics. More than 350 students across India and a couple of participants from abroad registered for the quiz. (Student Co-ordinators: Ms. Manali Kulkarni, Ms. Siddhi Pedamkar, Devendra More and Shivani Ninal, Faculty advisor Dr. P. N. Dange).



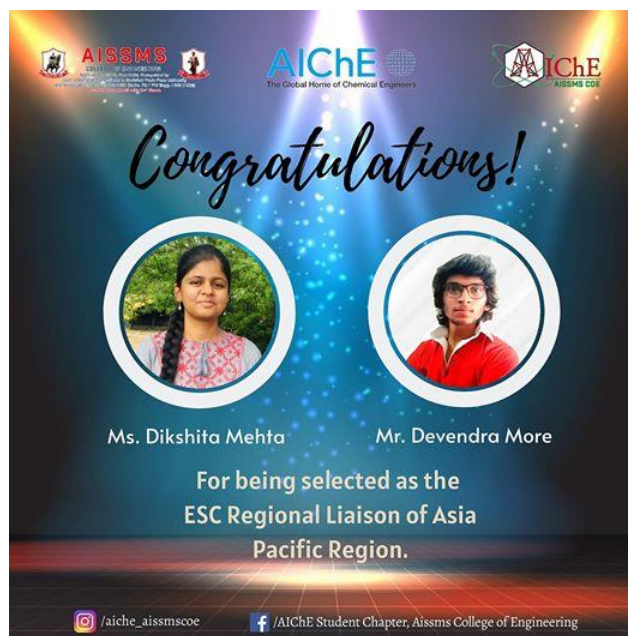
8. Department of Chemical Engineering, AISSMS College of Engineering Pune was granted a highly prestigious Student Chapter by American Institute of Chemical Engineers (AIChE) in May 2020. Committee of twelve Students led by Ms Manali Kulkarni, TE Chemical Engineering Student assumed duties to handle Activities of this Chapter. Dr P N Dange, Head, Department of Chemical Engineering undertook the role of faculty advisor for the Student Chapter.



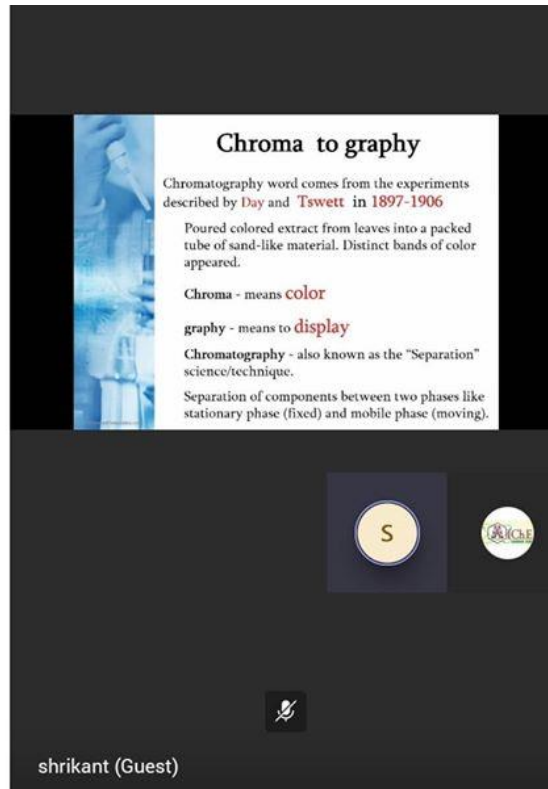
9. AIChE Student Chapter, AISSMS COE Pune organized online international webinar on the topic 'Job Opportunities in Japan'. Invited speakers for the webinar were Mr. Chandrakant Chougule, Director, Wai Guo Language Institute, Pune and Mr. Takutaro Kimura, Director, First Study Japanese Language School, Osaka. The event was conducted on ZOOM platform and was also streamed live on Facebook. The event witnessed over 400 registrations from all over India (Student Co-ordinators: Ms. Manali Kulkarni, Mr. Satyam Patil and Mr. Tejas Hire, Faculty co-ordinator: Mr. P. M. Warke).



10. Ms. Dikshita Mehta and Mr. Devendra More, second year Chemical Engineering Students got selected as the ESC Regional Liaison of Asia Pacific Region in the month of June 2020. They will co-ordinating 04 AIChE Student Chapters in China.



11. AIChE Student Chapter , Department of Chemical Engineering, AISSMS COE, Pune organized a webinar on the topic “Analytical Instruments, Gas Chromatography & HPLC” on July 25, 2020. Mr. Shrikant Takle, PhD (Material Science), currently working as a Senior Manager at Thermax limited chemical division, Bhosari, Pune was the speaker ( Student Co-ordinators: Ms. Siddhi Pedamkar, Ms. Bhumika Kakade and Mr. Mohit Rode, Faculty Co-ordinator: Mr R S Raut).



**Chroma to graphy**

Chromatography word comes from the experiments described by **Day** and **Tswett** in **1897-1906**

Poured colored extract from leaves into a packed tube of sand-like material. Distinct bands of color appeared.

Chroma - means **color**

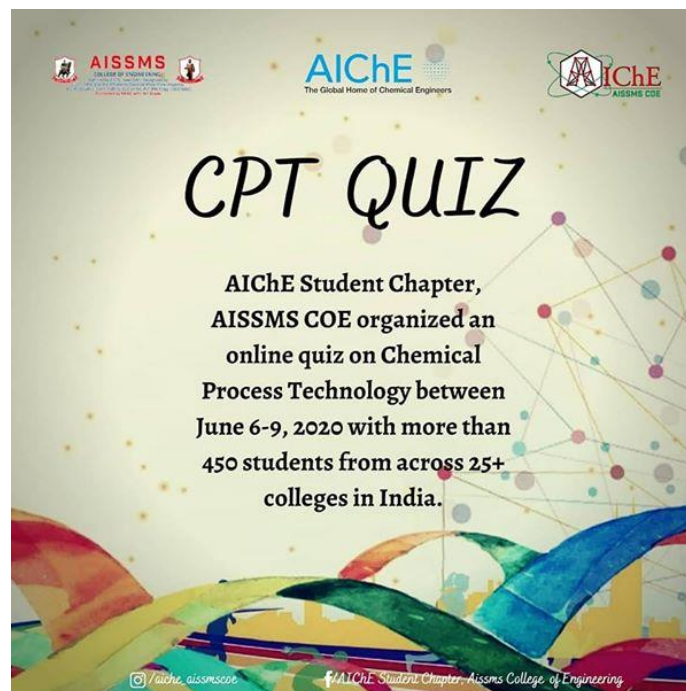
graphy - means to **display**

Chromatography - also known as the "Separation" science/technique.

Separation of components between two phases like stationary phase (fixed) and mobile phase (moving).

shrikant (Guest)

12. The AIChE Student Chapter, AISSMS College of Engineering Pune organized quiz competition on Chemical Process Technology (CPT). This competition started on June 6, 2020 and was closed on June 9, 2020 (Student Co-ordinator: Ms. Manali Kulkarni, AIChE Chapter President, Faculty Co-ordinator: Dr. M. Y. Naniwadekar).



**AISSMS**  
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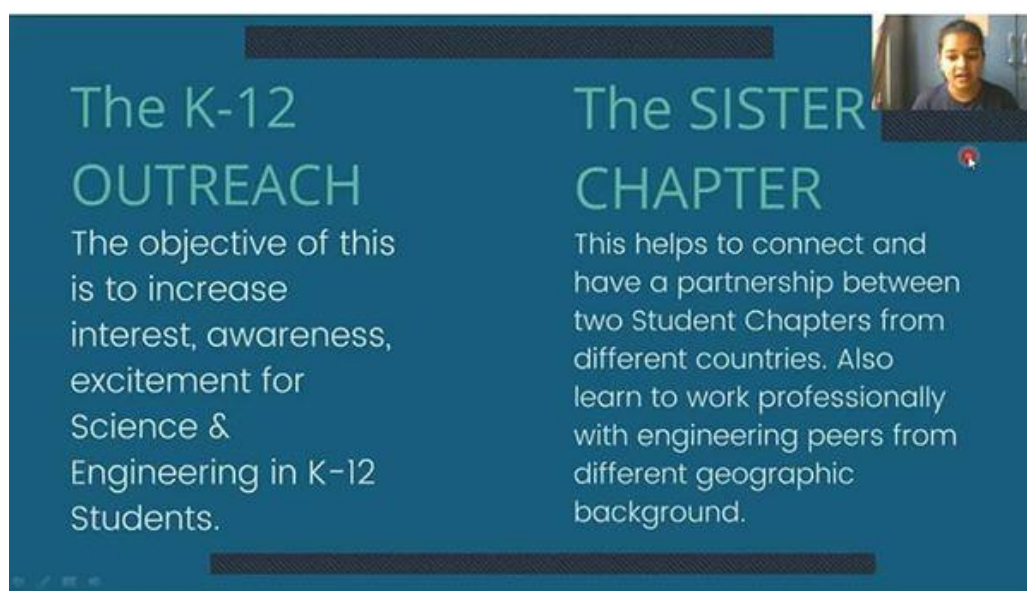
# CPT QUIZ

**AIChE Student Chapter,  
AISSMS COE organized an  
online quiz on Chemical  
Process Technology between  
June 6-9, 2020 with more than  
450 students from across 25+  
colleges in India.**

[/aiche\\_aissmscoe](#) [AIChE Student Chapter, Aissms College of Engineering](#)



13. A team of AIChE Student Chapter, AISSMS COE Pune, organized video conference on AIChE Orientation for the First Year students on June 17, 2020. Ms Manali Kulkarni, President of the Chapter introduced about various aspects of AIChE to participating Chemical Engineering students. She talked about the Chapter benefits, committee structure and role of its members along with variety of technical and social events (Co-ordinator: Team AIChE Student Chapter).

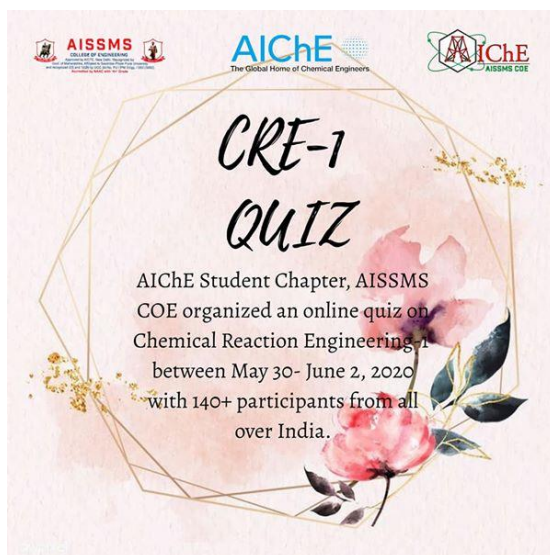


14. AIChE Student Chapter, AISSMS COE Pune organized 'Orientation Program' on July 11, 2020 for the new members so that they get to know more about the overall structure of the chapter. Ms. Manali Kulkarni, President, AIChE Student Chapter started with an introductory speech. After that our Faculty Advisor and Head of the Chemical Department Dr. P. N. Dange addressed all the members (Student Co-ordinator: Miss Manali Kulkarni, Faculty advisor: Dr P N Dange).



Screen shot of the orientation program

15. AIChE Student Chapter of the Department of Chemical Engineering at AISSMS COE, PUNE conducted an online quiz on Chemical Reaction Engineering-I (CRE-I) between 30 May and 2 June 2020. 142 participants across India appeared for an online quiz. More than 100 participants successfully completed the quiz (Student Co-ordinator: Mr. A. B. Kumbharde, Faculty Co-ordinator: Dr. K. R. Jethani).



16. AIChE Student Chapter, Department of Chemical Engineering, AISSMS College of Engineering, Pune-01 organised a webinar on the topic 'Safety Devices for Process Equipment' on June 6, 2020. Mr. Avishek Mukherjee, B. Tech. Chemical Technology,

Principal Process Engineer, Wood PLC, England, was the invited speaker for the webinar (Student Co-ordinators: Ms. Dimpal Kadu and Ms. Yashoda Patil Faculty co-ordinator: Mrs. K. N. Bawankar).



17. AIChE Student Chapter, AISSMS COE Pune members spread the awareness among the people by disseminating a message through the online poster in the month of April 2020 to counter Covid-19 pandemic. The message conveyed more precautions to be taken by people and prevent themselves from getting out in this situation with the slogan Stay home, Stay safe! (Student co-ordinator: Team AIChE Student Chapter).



18. AIChE student Chapter, Department of Chemical Engineering, AISSMS College of Engineering Organised a Webinar on the topic 'Refinery Overview' on May 28, 2020.

