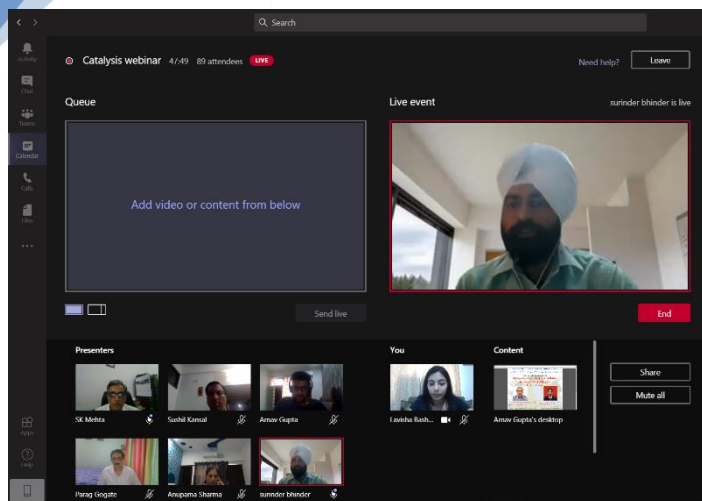


Webinar by Catalysis Society of India

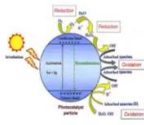

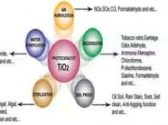
Chandigarh local chapter of Catalysis Society of India organised a national level webinar on “**Catalysis and it's applications in Pollution Abatement- Smart Solutions**” in association with TEQIP-III, Dr. SSB UICET Panjab University, Chandigarh on **28th August, 2020**. The webinar, which was attended by more than 200 people, included very enlightening and engrossing talks by experts from both the industry and academia with the aim of bridging the knowledge gap between the people engaged in research and industry as well as setting new targets for research and development of technologies for the betterment of the society. The webinar began with a welcome address by Mr. Surinder Singh Bhinder, Secretary, Chandigarh local chapter, Catalysis Society of India which was followed by an address by Prof. Anupama Sharma Project Coordinator, TEQIP-III. Prof S.K. Kansal, President, Chandigarh chapter, Catalysis Society of India introduced the first resource person for the day, Dr. R. V. Jasra, FNAE, Senior Vice President, Refining and Petrochem, R & D, Reliance Industries Ltd. Vadodara and President, Catalysis Society of India who gave an excellent talk on “Challenges and opportunities in photocatalysis for pollution abatement”. Dr. Jasra’s presentation elucidated the research and scope of photocatalysts, especially those based off TiO_2 for both industrial and everyday domestic applications. Up next, Dr. P.R. Gogate, FNAE, Professor, Chemical Engineering, ICT Mumbai gave a very informative talk on “Water pollution abatement using advanced oxidation technologies”. He focused on use of oxidation techniques for water treatment with a special interest in Fenton oxidation processes and their commercial adoption. Both the speakers then participated in a very engaging Q&A session where they cleared the doubts of the attendees and further explained upon the concepts discussed in the webinar. In the end, Prof. Kansal and Bhinder delivered the closing remarks where they thanked the speakers and the attendees and expressed their desire to keep on working towards more such events by Catalysis Society of India in the future.





Challenges and Opportunities in Photocatalysis for Pollution Abatement


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Webinar, Catalysis Society of India, Chandigarh Chapter
Punjab University, Chandigarh
August 28, 2020

Catalysis webinar

Water Pollution Abatement using Advanced Oxidation Technologies



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Catalysis webinar

Advanced Oxidation Technologies:

Individual process

- Cavitation
- Photocatalytic Oxidation
- Fenton Oxidation
- Chemical Disinfection using ozone