



Experience of Advanced Chemistry Teaching at AESC MSU in the pandemic situation: challenges, losses and gains

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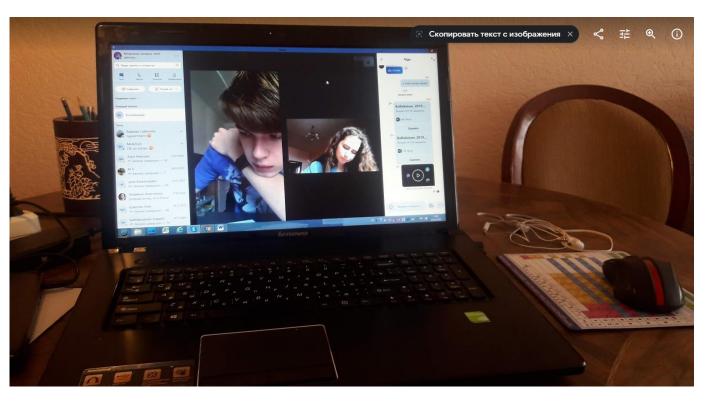


Periods of e-teaching at AESC MSU



- April May 2020
- October 2020 February 2021
- April May 2021

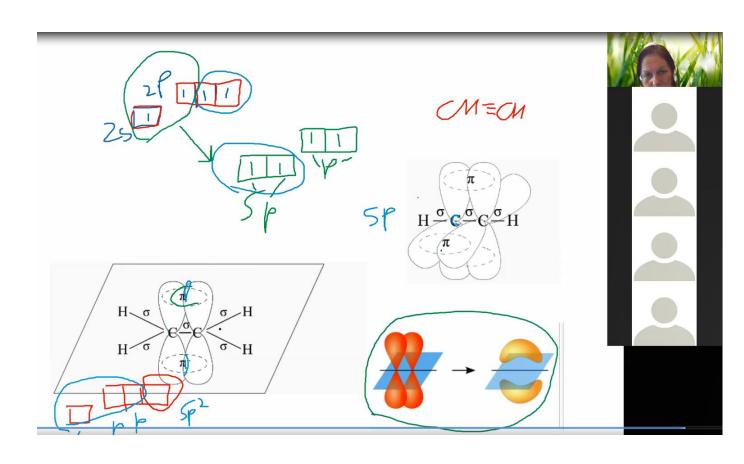
• 10 months



On-line educational system

- Lectures
- Workshops
- Chemical experiments
- Mid-terms
- Final tests

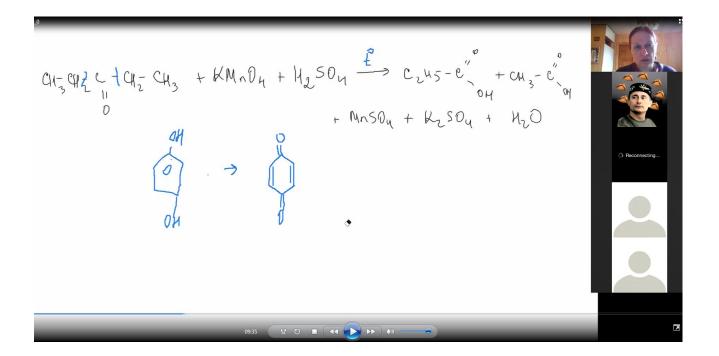
Lack of communication



Challenge:

two-way interaction between teacher and students:

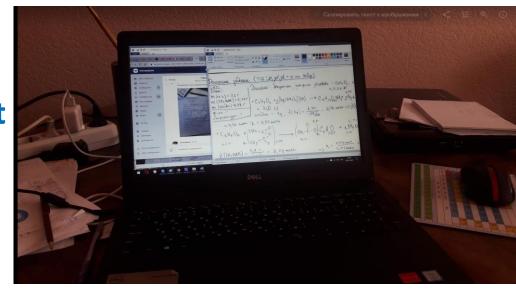
- -activities during the lessons
- -communication between lessons



Activities during and after the lessons

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E-teaching tools - group blackboard chats
educational systems
(Moodle, Kahoot, Решу ЕГЭ ...)
social networks
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- -Discussions and problems solving
- -Questions to students
- -Possibility to ask teacher using individual chat both during and after the lesson.
- -Video records of lectures



Remote experimental work

- Experiments made at home
- Video experiments
- Discussions and tests







Video experiments



https://youtu.be/miburA7a6t4



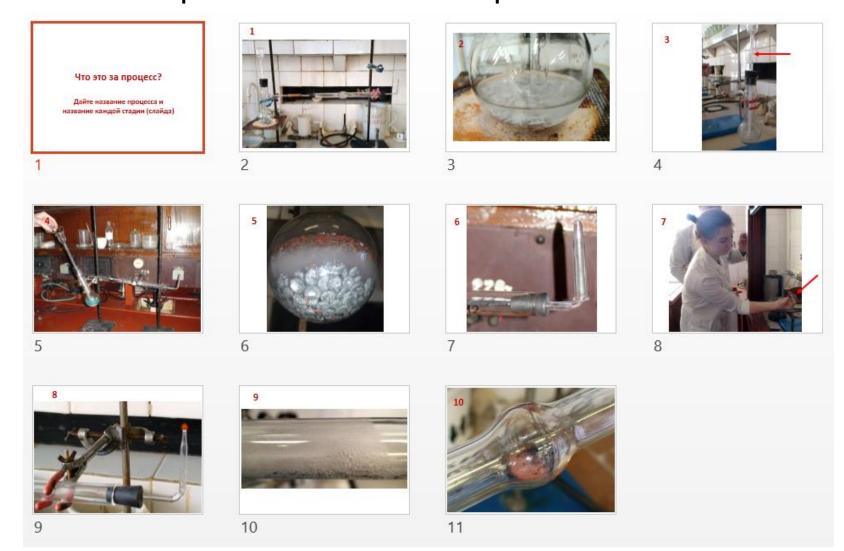






Feedback

• Describe processes shown on pictures:



Lessons of lockdown

- What are we going to use in «postpandemic» teaching:
- Zoom translating and recording lectures for students which are not in the class for some reasons;
- Private chats for shy students
- Video recordings of lectures
- Video recordings of some dangerous experiments
- Electronic survey system to test students and to receive feedbacks.

Thank you for your attention!

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