



रसायनत्रिकी

Vision of the Department

To be the prime seat of quality education in chemical engineering that nurtures and promotes innovations, creative thinking and leadership.

Mission of the Department

- ✦ To Provide quality education, to meet the changing needs of industry.
- ✦ To provide theoretical knowledge and hands-on experience through the classroom and laboratory sessions.
- ✦ To develop quest for research in the field of Chemical Engineering.
- ✦ To produce morally, ethically and socially responsible chemical engineering graduates.

Salient features of the Department

- ✦ State of art laboratories.
- ✦ Qualified and experienced faculty.
- ✦ Very effective teaching-learning process.
- ✦ Consistently good results.
- ✦ Consistently increasing placements.

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- ✦ About a famous Chemical Engineer.
- ✦ A peep into history of Chemical Engineering
- ✦ News and Events





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From the HoD's Desk

Greetings from the Department of Chemical Engineering!

Department of Chemical Engineering offers platform for students from the Konkan region to develop a career in various fields of chemical engineering. It continues to be the prime seat of chemical engineering education in the entire Konkan belt of Maharashtra. Many of our alumni are placed in various renowned industries while many of them are pursuing their higher studies. The department has developed a very strong association with its alumni and is always seeking feedback from them. The department also looks forward to the feedback of other stakeholders so that better policies can be implemented in the department for all-round progress of its students.

Thank You

Mr. Annasaheb K. Bandsode,
Head, Assistant Professor

About a famous Chemical Engineer



Rajendra Shende

- ✓ Graduated in Chemical Engineering from Indian Institute of Technology, Bombay in 1972.
- ✓ Began his career as Production Engineer in Tata Chemicals.
- ✓ He was selected to lead the OzoneAction Programme of United Nations Environment Programme in 1992.
- ✓ He received many awards that includes Climate Protection Award from United States in 2009, UNEP Partners Ozone Protection Award in 2007.

A peep into history of Chemical Engineering

1920-Ponchon and Savarit presented their famous method in distillation calculation.

1922-The first human diabetes patient is injected with insulin known as 'wonder drug'.

1925-McCabe and Thiele presented their famous method of calculating number of stages.

1931-Neoprene synthetic rubber is produced by Du Pont

News and Events

The Association of Chemical Engineering Students (ACES) organized a guest lecture on '**An Overview of Refinery Operations and Career Opportunities in Oil and Gas Sector**' for third and final year students on 7th August 2021. The resource person for the session was **Mr. Sagar Kamble** who is one of the distinguished alumni of the Department of Chemical Engineering. Presently, he is working in **Dorf Ketel Chemicals (I) Pvt. Ltd.**

The guest lecture was coordinated by Prof. A. K. Bandsode, Head Department of Chemical Engineering and Prof. P. A. Giri, Alumni Coordinator of the department. The guest lecture was attended by all faculty of Department of Chemical Engineering.



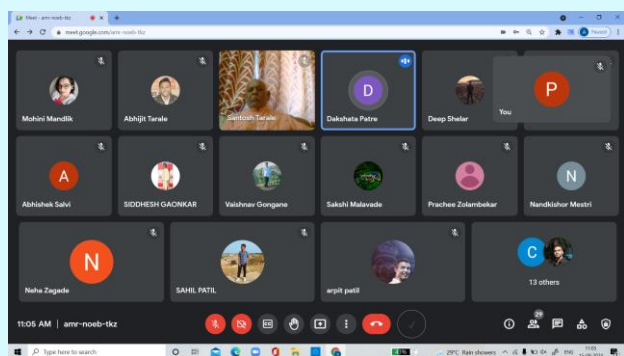
Mr. Sagar Kamble explaining refinery operations



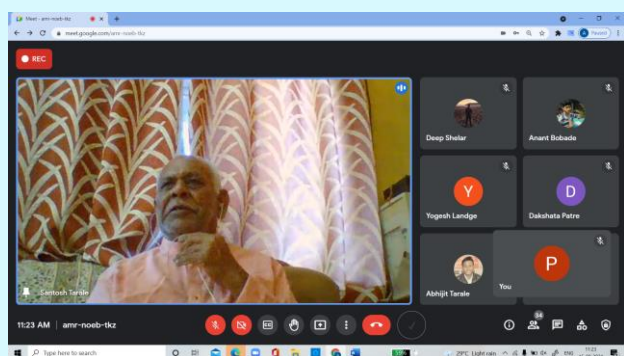
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News and Events

The Association of Chemical Engineering Students (ACES) proudly organized an interactive session with **Mr. Santoshrao Lakshmanrao Tarale** on 15th August 2021 to celebrate the 75th Independence Day. **Mr. Santoshrao Lakshmanrao Tarale** is an **Ex-Army Officer (Radio Operator)** and was involved in the Bangladesh liberation war of 1971. The honorable guest narrated various event during the war. He also interacted with students and faculty members. It was a moment of pride for the Department of Chemical Engineering.



Mr. Santoshrao Lakshmanrao Tarale during the interaction session

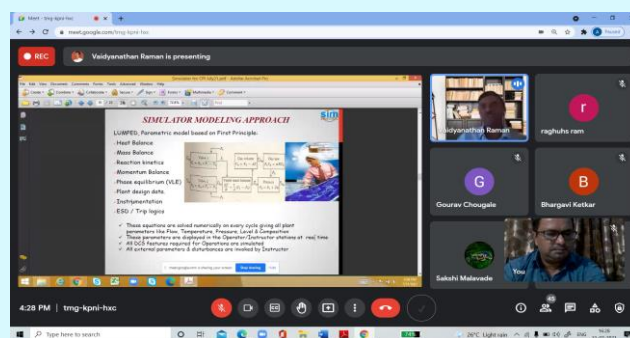


Mr. Santoshrao Lakshmanrao Tarale during the interaction session

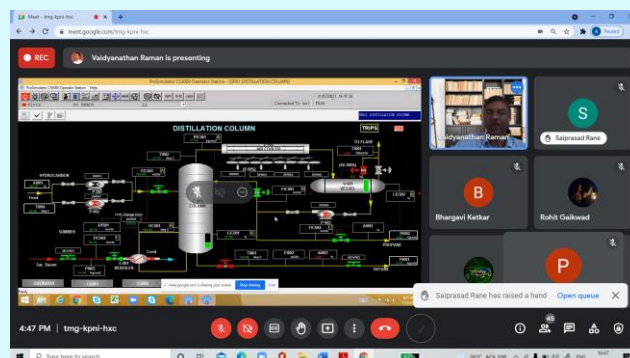
News and Events

Department of Chemical Engineering organized a webinar on '**Applications of Dynamic Simulations in Digital Chemical Processing Industries**' on **31st July 2021** for third and final year students. The resource person for the webinar was **Mr. V. Raman**, Promoter and Chief Executive Officer of SIM INFOSYSTEMS PVT LTD. SIM INFOSYSTEMS PVT LTD, is a leading engineering Consultancy Company specializing in providing simulation products and Engineering services to process, Power industries and Academic Institutes World-wide. The resource person introduced and demonstrated the ProSimulator simulation package to students during the webinar.

The webinar was coordinated by Prof. A. K. Bandsode, Head Department of Chemical Engineering and Mr. Raghuraman of SIM INFOSYSTEMS PVT LTD. The webinar was attended by all faculty of Department of Chemical Engineering.



Mr. V. Raman delivering his talk



Mr. V. Raman demonstrating the ProSimulator Simulation Software

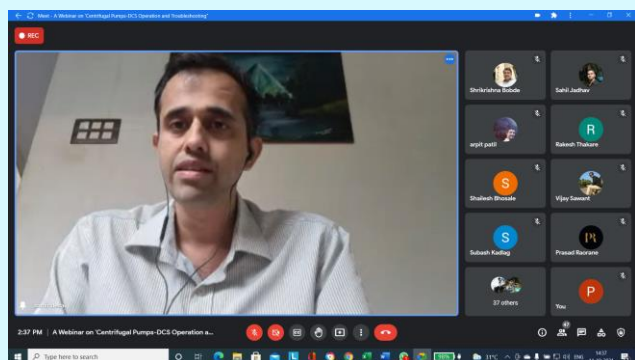


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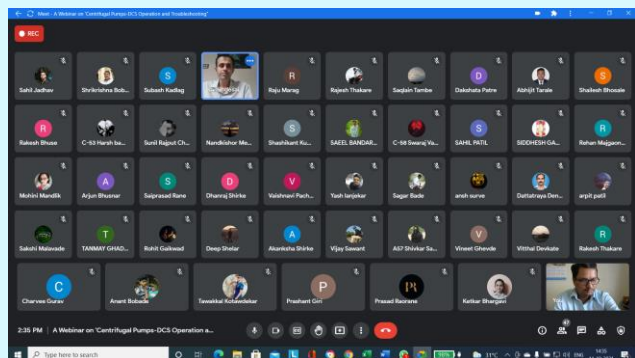
News and Events

Department of Chemical Engineering organized a webinar on **‘Centrifugal Pumps-DCS Operation and Troubleshooting’** on **11th October 2021** for second, third and final year students. The resource person for the webinar was **Mr. S. S. Desai**, Senior Production Engineer at Vedanta Cairn India Limited. The resource person discussed the DCS operations of centrifugal pumps. He highlighted the importance of centrifugal pumps in the operation of a typical Refinery. He also discussed the troubleshooting of centrifugal pumps in details.

The webinar was coordinated by Prof. A. K. Bandsode, Head Department of Chemical Engineering. All faculty members of Chemical Engineering Department attended the Webinar. The Webinar concluded with vote of thanks by Prof. S. B. Bobde.



Mr. S. S. Desai during the Webinar

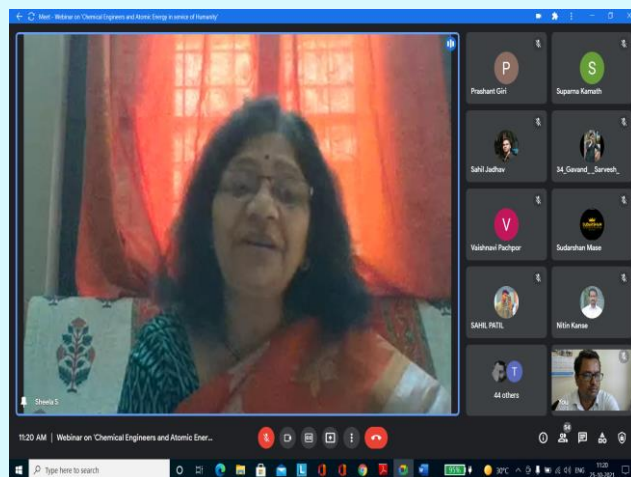


Participants listening to Mr. S. S. Desai

News and Events

Department of Chemical Engineering in association with Indian Women Scientists' Association, Vashi Navi Mumbai, organized a webinar on **‘Chemical Engineers and Atomic Energy in service of Humanity’** for second, third and final year students on **25th October 2021**. The resource person for the webinar was **Dr. Sheela Chaudhary**, retired outstanding scientist and Chief Executive, Nuclear Fuel Complex, Hyderabad. The resource person highlighted the importance of nuclear energy and talked about the role of Chemical Engineers in application of nuclear energy in the service of humanity. She also gave information of the Department of Atomic Energy.

Prof. A. K. Bandsode, Head of the Department, coordinated the event and introduced the speaker. Prof. P. A. Giri acted as the anchor for the event. All faculty members of Department of Chemical Engineering attended the webinar.



Dr. Sheela Chaudhary during her talk