

# 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.

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## 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.

## Program Specific Objectives (PSOs)

- ✚ The student will demonstrate knowledge of various concepts by formulating and solving problems in advanced courses in chemical engineering.
- ✚ The student will show an ability to design experiments and analyze and interpret data which will enable them to be enterprising professionals.



## From the HoD's Desk



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  
Dr. N. G. Kanse, Head,

## From the Editor's Desk



Dear readers,

रसायनत्रिकी has been serving as a platform where all of the departmental activities conducted during the semester are summarized. The newsletter also covers departmental news and achievement of faculty and students during the semester. It gives me immense pleasure to invite you to submit your articles for रसायनत्रिकी.

Regards

Prof. A. K. Bandsode,  
Assistant Professor

Just as the arts of tanning and dyeing were practiced long before the scientific principles upon which they depend were known, so also the practice of Chemical Engineering preceded any analysis or exposition of the principles upon which such practice is based."

– William H. Walker

## News and Events

### Department of Chemical Engineering Celebrates World Biofuel Day

The Department of Chemical Engineering celebrated 'World Biofuel Day' on 10 th August 2023 in collaboration with the Association of Chemical Engineering Students (ACES) in presence of the Head of the Department, Dr Nitin Kanse. The main objective of the program was to create awareness about the production of next-generation biofuels and their importance amongst undergraduate students of the Chemical Engineering Department.

The program started with the felicitation of all faculty members of the department by students. **Dr. Nitin Kanse** shared his thoughts on the importance of Biofuel as an alternative energy source. **Prof. Raju Marag** explained opportunities available in Biofuel industries for Chemical Engineers. **Prof. A K Bandsode** explained the government policies related to Biofuel.

Final-year Chemical engineering students coordinated the event successfully. **Ms Samiya Shivkar & Mr Nilesh Gurav** hosted the program and all faculty members of the Chemical Engineering Department along with 32 students from the Second, Third and Final Years of Chemical Engineering were present for the event.



Felicitation of Dr Nitin Kanse by ACES Head



## News and Events

### Expert Lecture on Biodiesel Production from Algae Oil

The Department of Chemical Engineering organized an Expert Lecture on Biodiesel Production from Algae Oil on 10<sup>th</sup> August 2023 in online mode. **Prof. Dhundiraj Deshpande**, Assistant Professor in Chemical Engineer Department, D.Y. Patil College Akurdi, was invited to interact with Second, Third and Final Year Chemical Engineering students, to create awareness about next-generation Biofuels as a renewable source of energy. The lecture was arranged in collaboration with the Association of Chemical Engineering Students (ACES) and began in the presence of the Head of the Department, **Dr Nitin Kanse** and the ACES In charge **Prof. R. K. Marag**. **Prof. Dhundiraj Deshpande** shared his expertise on Biodiesel Production from Algae Oil. He also explained his research experience with efficient and economic biodiesel production processes from different sources.

**Ms. Samiya Shivkar** welcomed the guest and Mr. Nilesh Gurav managed the program effectively. All faculty members of the Chemical Engineering Department were present for the event. The lecture was attended by 32 students and was coordinated successfully by **Prof. R. K. Marag**.



**Prof. Dhundiraj Deshpande explaining the importance of Biodiesel.**

## News and Events

### ACES Celebrated Teachers' Day

Association of Chemical Engineering Students celebrated "Teachers' Day" on 6th September 2023 to express gratitude and appreciation to the Teachers. Teacher's Day is celebrated every year to pay tribute to **Dr. Sarvepalli Radhakrishnan**, the former President of Independent India on his birth anniversary, 5th September.

The program commenced with the lightening of the lamp to offer tribute to **Dr. Sarvepalli Radhakrishnan**. The teachers were felicitated and were presented with a small plant as a token of gratitude from students. As a part of the event, all faculty members talked about the topic given to them by the students.

**Ms Samiya Shivkar**, a final-year student, hosted the event. **Mr Nilesh Gurav**, a final year student, presented a beautiful poem dedicated to teachers. Ms Shrivani Vichare, second year student, expressed her views about teachers on the occasion. The event was coordinated successfully by **Prof. R. K. Marag** under the guidance of **Dr. N. G. Kanse**, Head of the Department. Mr. Pranav Date, a third-year student gave the vote of thanks. The program ended with a small photo session.



**Chemical Engineering Department faculties with the students**

## News and Events

### Fresh-Influx 2K23 – A Welcome Function of Second-Year Students

A Welcome Function for Second Year Students Chemical was organized by the Department of Chemical Engineering in collaboration with the Association of Chemical Engineering Students (ACES) on Saturday, 07 October 2023. This year the welcome function is organized under the theme of “Fresh-Influx 2K23” and successfully organized by the Final Year students. The department organizes a welcome function for new batches every year. The objective of this function is to give a warm welcome to the freshers. It is followed by events and initiatives, coordinated by **Ms. Samiya Shivkar**. Events like Damsharaz, Musical chairs, Fishpond and Passing the Pass performances and splendid decoration, thus making it a fervent and impressive evening. The faculty enthusiastically contributed and guided the students towards a successful event.

The function was held in the presence of **Dr N. G. Kanse**, Head of the Department, and **Prof. R. K. Marag**, ACES Faculty Incharge along with all department faculty and students. **Dr N. G. Kanse** welcomed the students present for the event and gave his best wishes for the grand success. The event was attended by 32 students and ended with a vote of thanks by **Mr. Fahad Rakhangi**.



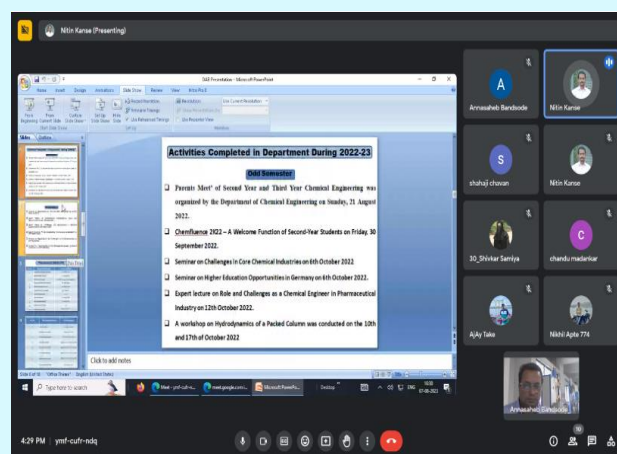
Department faculty along with students

## News and Events

### Departmental Advisory Board (DAB) Meeting

The Chemical Departmental Advisory Board Meeting was held on 7<sup>th</sup> August 2023 through Google Meet. The agenda of the meeting was to review the progress of the department and discuss future road map. **Prof. A. K. Bandsode** welcomed and introduced the advisory board members. **Dr N. G. Kanse**, the Head, shared an overview of the infrastructure, activities, achievements of faculty and students, placements, and results in the department. **Mr Ajay Take**, the industry representative on the board, appreciated the efforts taken by the department for the benefit of the students. **Dr. Chandu Madankar**, the academician on the advisory board, appreciated the progress of the department and departmental activities. **Mr Sahaji Chavan**, the industry representative on the board, insisted on increasing collaboration with industries. **Dr N. G. Kanse** appreciated the suggestions and assured the members to implement it.

The meeting concluded with a vote of thanks by **Prof. A. K. Bandsode**.



Dr N. G. Kanse, HoD during the discussion in the DAB meeting

## Achievements

**Prof. A. K. Bandsode**, a senior faculty member in the department successfully completed a NPTEL Certification Course on 'Thermal Processing of Foods' conducted by Indian Institute of Technology, Guwahati. He achieved **Elite** Certification in this 12 Week course and was a **topper in Top 10 %**.

