

# 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.

## Contents of this Issue

- ✚ From the HoD's Desk
- ✚ From the Editor's Desk
- ✚ News and Events
- ✚ Faculty Achievements
- ✚ About a famous Chemical Engineer



## 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,  
Associate Professor

## 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 news letter also covers departmental news and achievement of faculty and students during the semester. I give me immense pleasure to invite you to submit your articles for रसायनत्रिकी.

Regards

Prof. A. K. Bandsode,  
Assistant Professor

## News and Events

A Welcome Function of Second Year Students Chemical was organized by the Department of Chemical Engineering in collaboration with the Association of Chemical Engineering Students (ACES) on Friday, 30 September 2022. The welcome function is organized under the theme of "Chemfluence 2K22" and successfully organized by the Final Year students.

The department organized 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 like funny skits, traditional dances, exhilarating singing performances, Musical Chairs, Guitar performances and splendid decoration, thus making it a fervent and impressive evening.

The faculty enthusiastically contributed and guided the students towards a successful event. In summing up, this event is the platform for mental and physical grooming and recreation. As a tradition, this year's welcome function was arranged for the warm welcome to the new Second Year batch. The students organized and participated in the function very professionally and creatively.

The function was held in the presence of **Dr N. G. Kanse**, Head of the Department and all department faculty along with all 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 52 students and ended with a vote of thanks by **Mr Deep Shelar**.



Department faculty with students during the function



Dr N. G. Kanse, Head of the department during his welcome address



## News and Events

'Parents Meet' of Second Year and Third Year Chemical Engineering was organized by the Department of Chemical Engineering on Sunday, 21 August 2022. The meeting was held between Parents, **Dr. N. G. Kanse**, Head of the Department, **Prof. P. A. Giri**, Class Teacher of TE and **Prof. S. S. Kadlag**, Class Teacher of SE along with all concerned Subject Teachers and Mentors of SE and TE. **Prof. D. C. Dengale**, **Prof. S. B. Bobde**, **Prof. A. K. Bandsode**, **Prof. Y. A. Landge** and **Prof. R. K. Marag** were present for the meeting.

**Dr. N. G. Kanse** welcomed parents present for the meeting and gave a presentation on the department profile i.e. highlights of department, faculty and staff, academics, co-curricular and extra-curricular programs conducted/organized, future plans of department, training and placement details and alumni association. He also elaborated the importance of courses available on online platform like Coursera and Infosys Springboard etc. He then interacted with parents on various workshops, course enrichments and add-on courses from the placement point of view.

After formal welcome and department presentation, all parents visited the departmental laboratories. Faculty members explained the respective laboratory details and ongoing student projects to the parents. All parents appreciated the laboratory infrastructure and information received about students academic projects.

The meeting was attended by 08 parents along with students and ended with vote of thanks by **Prof. P. A. Giri**.



**Dr. N. G. Kanse, Head of the department during his talk**



**All parents and faculty members present for the meeting**

## News and Events

The Department of Chemical Engineering organized a Seminar on **Higher Education Opportunities in Germany** on 6<sup>th</sup> October 2022. **Mr Vinayak Thorave**, an **alumnus of the Chemical Engineering Department** and currently pursuing MS (Process Safety and Environmental Engineering) from **OVGU University, Magdeburg, Germany** was invited to interact with Third Year and Final Year Chemical Engineering students, with an objective of awareness about the master's program in Germany.

The seminar 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 **Prof. P. A. Giri**. **Mr Vinayak Thorave** shared his experience with an application process for a master's program in German Universities and also explained the importance of learning a foreign language. He also shared the education system in German Universities and opportunities to earn while learning. Final-year Chemical Engineering students coordinated the event successfully. **Ms Purva Vanjari** hosted the program and all faculty members of the Chemical Engineering Department were present for the seminar.

The seminar was attended by 32 students and successfully coordinated by **Prof. P. A. Giri**.



**Mr. Vinayak Thorave during his talk**



**Mr. Vinayak Thorave interacting with students**

## News and Events

The Department of Chemical Engineering organized a Seminar on **Challenges in Core Chemical Industries** on 6<sup>th</sup> October 2022. **Mr Sandip Katkar**, an alumnus of the **Chemical Engineering Department** and currently working as a **Field Officer in Finolex Industries Limited, Ratnagiri** was invited to interact with Third Year and Final Year Chemical Engineering students, with an objective of awareness about the roles and responsibilities of a chemical engineer and challenges in process industries.

The seminar 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 **Prof. P. A. Giri**. **Mr Sandip Katkar** shared the experience as a Field Officer in Finolex Industries Ltd. and explained the challenges faced by chemical engineers in the production field while working in core chemical industries. He also shared the competencies required by an undergraduate chemical engineer and how to capitalize on technical skills to excel in this field. Final-year Chemical Engineering students coordinated the event successfully. **Ms Purva Vanjari** hosted the program, and all faculty members of the Chemical Engineering Department were present for the seminar. The seminar was attended by 32 students and successfully coordinated by **Prof. P. A. Giri**.



Mr. Sandip Katkar during his talk



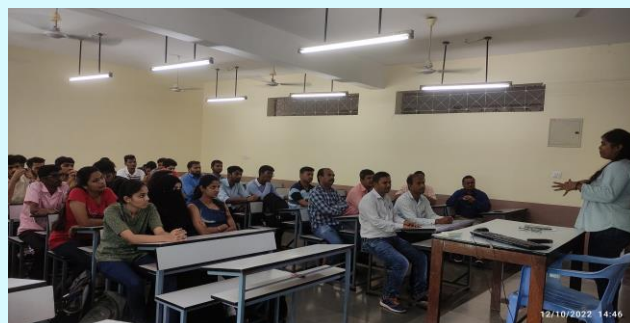
Ms Purva Vanjari delivering a vote of thanks

## News and Events

The Department of Chemical Engineering organized an expert lecture on **“Role and Challenges as a Chemical Engineer in Pharmaceutical Industry”** on 12<sup>th</sup> October 2022. **Ms. Priti Patil**, an alumnus of **Chemical Engineering Department** from 2016 batch. She is currently working as an Assistant Manager in VAV Lipids Pvt. Ltd. was invited to interact with Third Year and Final Year Chemical Engineering students, with an objective of awareness about role and challenges as a Chemical Engineer in Pharmaceutical Industry.

The lecture was arranged in collaboration with the Association of Chemical Engineering Students (ACES) and began in the presence of Head of the Department, **Dr. Nitin Kanse** and **Prof. P. A. Giri**. **Ms. Priti Patil** shared her experience about the role of an engineer and challenges ahead of them in pharma industries. She also shared her own academic experience at FAMT and importance of gaining the fundamental knowledge for the upcoming technological advancements. Final year Chemical Engineering students coordinated the event successfully. **Ms. Purva Vanjari** hosted the program and all faculty members of the Chemical Engineering Department were present for the event.

The event was attended by 43 students which was coordinated successfully by **Prof. P. A. Giri**.



Ms. Priti Patil during her talk



Ms. Priti Patil interacting with student



## News and Events

A workshop on ‘**Hydrodynamics of a Packed Column**’ was conducted on the 10<sup>th</sup> and 17<sup>th</sup> of October 2022 for third-year students in the department of Chemical Engineering. The workshop was conducted under the Mass Transfer Operations Laboratory to make students understand the hydrodynamics of a packed column. The resource person was **Prof. A. K. Bandsode**, who conducted the workshop in two sessions. In the first session, theoretical aspects of the hydrodynamics of the packed column were covered, and in the second session, the laboratory session was conducted. The event was attended by 21 students which was coordinated successfully by **Prof. A. K. Bandsode** and supported by **Dr. N. G. Kanse**, Head of the Chemical Engineering Department.



**Prof. A. K. Bandsode, discussing the theoretical aspects of a Packed Column**



**Third-year students during the laboratory session of the workshop**

## About a famous Chemical Engineer



**H. Scott Fogler**

H. Scott Fogler is the Ame and Catherine Vennema Professor of **Chemical Engineering** and the Arthur F. Thurnau Professor at the University of Michigan in Ann Arbor and was the 2009 President of the American Institute of Chemical Engineers. He received his B.S. from the University of Illinois and his **M.S. and Ph.D.** from the **University of Colorado**.

Professor Scott Fogler received a Doctor Honoris Causa from the Universitat Rovira i Virgili, Spain in April 2016, and earned a **Diploma in 1985** from the New Orleans School of Cooking. He enjoys teaching undergraduate and graduate chemical reaction engineering courses, and a graduate-level course on strategies for creative problem solving.

In 1996, he was recipient of the Warren K. Lewis award from the **American Institute of Chemical Engineers** for contributions to chemical engineering education. Professor Fogler recently finished a 2-year assignment on the President Obama's commission to study and make a recommendation on the flow of diluted bitumen in the Keystone Pipeline.

Scott Fogler is the author of the 12 books, including the Elements of **Chemical Reaction Engineering**, 5th Edition, and Essentials of Chemical Reaction Engineering, which are estimated to be used by 70-80% of all chemical engineering programs in the United States and is dominant also in the world-wide market. Fogler and Professor Steven LeBlanc are co-authors of Strategies for Creative Problem Solving, which won Meriam-Wiley Distinguished Author Award from ASEE in 1996. A research monograph “Migration of Fines in Porous Media,” co-authored by K. Khilar, was published by Kluwer in 1998.