



All India Shri Shivaji Memorial Society's
College of Engineering , Pune - 411001
The newsletter of Department of Chemical Engineering



CHEMIXIR

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From Principal's Desk:



It is good to see the latest edition of newsletter of Chemical Engineering Department. On this publication of this newsletter I introduce to you an entirely new approach of learning in our college. An approach, where traditional methods of learning go hand in hand with modern learning techniques, keeping up with the current trends and technology.

We facilitate our students to excel academically and to develop their personalities in diverse fields. To this end, we have complemented academics with other developmental activities such as performing arts, sports, hobbies and technical clubs, to name a few.

Each student is encouraged to explore their areas of interest and to develop their talent to the maximum.

Our teaching staff is dedicated and knowledgeable in their subjects. They have a passion to pass on this enthusiasm to each student and to inculcate in them the spirit of curiosity and learning.

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From the Editor's Desk...

It gives us great pleasure to hand over to you "CHEMIXIR" the newsletter of Chemical engineering department.

The department has 22 staff members and more than 220 students. All of us are involved in number of activities and working for development of the department. The Newsletter is a common platform to showcase the talents of the department. It also provides for showcasing of achievements and efforts taken by one and all which contribute towards department strengths. It is our attempt to get maximum contribution from staff and students to come together and interact through this newsletter. We try to pick the moments of guest lectures conducted by department, various industry visits carried out, competitions organized, achievements and participation by students and staff. We hope this newsletter will help in its own way to achieve our goal & realize our vision progressively.

Hope you will find this newsletter informative. Your suggestions for improvement in the newsletter are welcome.

Editors

1. Programmes:

UG : BE (Chemical Engg.)
PG : ME (Chemical Engg.)

2. Faculty position:

Professors : 03
Asso. Professors : 01
Asst. Professors : 12

3. Supporting Staff :06

From HOD's Desk...



Department of Chemical Engineering was established in the year 1996, with an intake capacity of 40 students for UG which was increased to 60 students in 1997. The PG program was started in 2011 with an intake of 18 students. The Department has well-qualified and experienced faculty with an average experience of 8-10 years. Faculty is also involved in research & professional activities inside & outside the campus. They are encouraged to upgrade their knowledge and qualifications. The department was successful in giving consistently good academic results in last three years and motivating the students to involve in extra curricular and co-curricular activities like paper presentation, Project competition leading towards all-round development of our students. The Department has well-equipped laboratories with sophisticated equipment. We have organized number of workshops and seminars for the students and staff.

Our Toppers !!!

SE :-

1. Sharma Rohit Dindayal
2. Erande Sameer D
3. Jagtap Pratik Deepak

TE :-

1. Rajpurohit Nilesh
2. Tak Govind Venaram
3. Pal Ashish Gopal
3. Pandey Prateek

BE :-

1. Jadhav Shubham Sandip
2. Chaudhari Gaurav S
3. Bombale Ashutosh B

इतनी सी है जिंदगी

वो कामयाबी से हमारे जलते गए ।
पर हम नयी नयी उँची बुलंदियों छूते रहें।किस्मत ने लिखा था हमारी कामयाबी को छूना ।
फिर भी अहंकार को कभी अपना न होने देना।
केहता रहा दिल हमारा आ गर्व से कभी फुलें ।
थोड़ीसी कामयाबी से ना इतना झूलों ।
आखिर आता ही क्या है अपने साथ।
अगर जाना ही है उपर खाली हाथ।

Prajakta Nanote

National Seminar on Environment and Green Technology for Sustainable Development: January 18-19, 2019

Departments of Chemical and Civil Engineering organized a two day national level seminar on 'Environment and Green Technology for Sustainable Development' on January 18-19, 2019. The aim of the Seminar was to provide an inter-disciplinary platform for the dissemination of knowledge and practice on all aspects of Environment and Green Technologies for Sustainable Development. Coordinator Dr M S Deshpande



Shri Suresh Pratap Shinde, Honorary Joint Secretary, All India Shri Shivaji Memorial Society felicitating chief guest Dr. V S Sapkal , Former Vice Chancellor, RTMNU, Nagpur, PG Committee Chairman, AICTE, New Delhi



Shri Suresh Pratap Shinde, Honorary Joint Secretary, All India Shri Shivaji Memorial Society felicitating Keynote Speaker: Dr S S Bhagwat, ICT, Mumbai along with Dr D S Bormane, Principal AISSMSCOE Pune

•Industry Institute Interaction Meet: February 23, 2019

The Department of Chemical Engineering has organized the Industry Institute Interaction Meet on Saturday, February 23, 2019, Saturday. Objective of the meet was to bridge the gap between Industry and Institute. Event Coordinator: Mr P M Warke and Mr R S Raut.



Mr S P Singh addressing the gathering



Audience at Industry Institute Interaction meet 2019

•Project Exhibition 2019 : April 03,2019

Department of Chemical Engineering and Indian Institute of Chemical Engineering (IChE) Student's Chapter organized Project Exhibition on April 03, 2019. The objective of the event was to show case talents of BE students through their projects. All the projects were evaluated by Mr Uday Bhatkande, Senior Engineer, Uhde India Pvt Ltd. Pune. Coordinator: Pravin S Tadkar



BE Chemical Students explaining the project to Mr Uday Bhatkande, Sr. Engg Uhde India Pvt Ltd, Dr K R Jethani Head Department of Chemical Engineering, Mr Pravin S Tadkar, Coordinator Project Exhibition 2019, Assistant Professor, Department of Chemical Engineering, AISSMS COE Pune



BE Chemical Students explaining the project to Mr Uday Bhatkande, Sr. Engg Uhde India Pvt Ltd, Dr K R Jethani Head Department of Chemical Engineering, AISSMS COE Pune

•Jagruti 2019: April 07, 2019

Department of Chemical Engineering organized Social Event Jagruti 2019 at Kalyan near Kodhanpur, Dist Pune on April 07, 2019. Objective of the event was to create a social awareness amongst people like giving information on how to do voting on VVPAT, also explaining government schemes for, Villages and Farmers. Coordinator: Pravin S Tadkar



Team Jagruti with Sarpanch



Students explaining to the villagers

Inter Department Sports Competition

Our college conducts inter department sports where all the department participate and aim to won the overall sports trophy. This year the department of Chemical Engineering participated in various events and boys team secured 2nd position in volleyball.



Glimpses of Sports Events



DEPARTMENT VISION:

1. To be a leader in Chemical Engineering education providing service to society

DEPARTMENT MISSION:

1. To provide quality education to prepare graduates for responsible positions in chemical industry, academia and research
2. To carry out research to solve problems of chemical industry and society

Chemical Engineering graduates will be able to:

1. Identify, analyze, design and develop solutions to Chemical Engineering problems of practical importance to industry and society.
2. Demonstrate sound understanding of Chemical engineering fundamentals to solve problems through the use of modern experimental methods, computer aided design and simulation software..

Program Outcomes (PO)

Engineering Graduates will be able to:

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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