

OCTOBER 2021 EDITION



We are delighted with all the responses received in our monthly newsletter “The Insider”. In this fifth edition of the monthly newsletter of MITAOE “The Insider”, we are looking forward to introducing our departments, starting with the “Chemical Department”. Further, we are looking forward to highlighting the various events, activities, and achievements bagged in by our students and faculty in the month of October 2021. The intention of “The Insider” is to reach out to our readers to provide information about the institute, and we hope our readers find the same useful and informative.



• **Be mission oriented!**



• **Chemical Department**



• **Placements**

October 2021
Edition

WE WOULD ALSO LIKE TO SHOW OUR GRATITUDE TO OUR FACULTY AND STAFF MEMBERS FOR ALL THEIR INPUTS IN THIS NEWSLETTER. ANY SUGGESTIONS, FEEDBACKS THAT MIGHT HELP US IMPROVE ARE WELCOME TO REACH US AT: marketing@mitaoe.ac.in

Be mission oriented!



Mr.SENTHIL KUMAR
Dean,
School of Chemical
Engineering



There are some engineering branches that are not much understood and hence not opted at times. Chemical Engineering is one of them that is either desired a lot or feared a lot by young minds. Some of the basic questions that arise when it comes to Chemical Engineering departments are Jobs, Placements, Salary, Career growth etc. To start with Chemical engineers use chemistry, biology, physics, and arithmetic to solve problems with the creation or use of chemicals, fuel, pharmaceuticals, food, and a range of other goods.

They plan and test large-scale manufacturing processes and equipment, as well as monitor facility

operations. Chemical engineers must have a bachelor's degree in Chemical Engineering or a related field. The Chemical Engineering programme here at MIT Academy of Engineering is four years long and include classroom, laboratory, and fieldwork. Chemical engineers that specialise in processing and synthesising chemicals are in high demand in India as businesses and factories expand. Chemical engineers can operate in a range of situations, including factories, industries, and the chemical, energy, and oil industries, among others. Essential talents such as a quantitative understanding of engineering as well as scientific ideas must be possessed by the candidate.



"Research serves
to make building
stones out of
stumbling blocks."

— **ARTHUR D. LITTLE**

School of Chemical Engineering



At MITAoE the School of Chemical Engineering was established along with the institution in 1999. Ever since the start of the curriculum, the department has shown outstanding results that keep on motivating students to be a part of this university. All the faculties and students of this department are members of the Indian Institute of Chemical Engineers (IChE). Not only does the faculties of this department focus on the course they look forward to educating their students in add-on courses such as piping design & engineering, AutoCAD, MATLAB, and the latest software technologies like ASPEN ONE 8.6, PDMS, AutoCAD, HTRI, Unisim, etc. to keep them up to date in every field.

Some of the major highlights at school of Chemical Engineering are: An annual event is organized by the Students' Chapter of the Indian Institute of Chemical Engineers (IChE) at MITAoE named as Students' Chemical Engineering Congress, (SCHEMCON).

With an emphasis on students in core subjects like Chemical Engineering, Autonomous Curriculum began with the underlying principle of learning flexibility,

industry-oriented curriculum design, and comprehensive student development. By breaking diverse courses into subgroups, a perfect balance of Engineering Core courses and Engineering Science courses can be produced. Flexibility is provided by offering elective courses to students at various levels. These electives are meant to provide students with the opportunity to learn about and apply cutting-edge industrial technologies. Many disciplines' boundaries are constantly dissolving, and knowledge of multiple topics is becoming increasingly crucial. Also, Open electives give students a lot of flexibility in terms of what they can learn and how they can learn it. While maintaining a focus on key ideas, the syllabus has been updated to reflect the most up-to-date trends and technology achievements. Students are allowed to dedicate around one-fourth of their time to any industry of their choice. When studying key engineering subjects such as Chemical Engineering, it is vital to focus on the students' overall growth.

Placement at MIT

MIT Academy of Engineering
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

CAMPUS SELECTION

Congratulations!

Mr. Om Avhad
of B.Tech E & TC Engineering from 2022 Batch
for getting **CAMPUS PLACEMENT** in Interactive Brokers Pvt. L
with a package of 9.35 Lacs per annum

 **9.35 LACS**

MIT Academy of Engineering
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CAMPUS SELECTION

Congratulations!

to all the students of 2022 batch who got placed in
NICE Software with a package of 5.25 Lacs per annum

Name	Degree	Specializatom
Kajal Singh	B.Tech	E&TC
Raviraj Zagade	B.Tech	E&TC
Srushthi Naikare	B.Tech	Computer
Vaishnavi Nilawar	B.Tech	E&TC


NICE | **5.25 LACS**

MIT Academy of Engineering
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

CAMPUS SELECTION

Congratulations!

to all the students who got placed in

 **5 LACS**

Name	Degree	Specializatom
Manjusha Zanke	B.Tech	Computer
Gopal Chavan	B.Tech	E&TC
Abhijeef Biradar	B.Tech	Mechanical
Kunjan Hire	B.Tech	Mechanical
Vedant Kulkarni	B.Tech	Mechanical

What are some of the add on Courses for Chemical Engineers?

At MIT Academy of engineering, we focus on not only the basic growth of students attending a specific department of engineering but their overall growth as well. Keeping in mind the above-stated here are some of the add on courses that are inculcated in the syllabus as elective - Piping design & Engineering, AutoCAD, MATLAB, and the latest software technologies like ASPEN ONE 8.6, PDMS, AutoCAD, HTRI, Unisim. There are questions that might be arising such as how can these extra curricular courses benefit an engineering student. So, in order to be industry ready and face the challenges waiting outside the college boundaries one needs to focus not only on the designed curriculum but also on the requirements of the outside world. Also, many students who have an understanding of these courses can apply for a very different jobs related to these courses as well. And finally as it is said "Learning never goes to waste", one must learn new things to keep up with the current global pace.



Publications at MITAOE

- Prajakta Khot, Harish Lakhe, Madura Joshi and Prof. paper titled 'Automatic Evaluation & Deception of Approach' at the 3rd International Conference on 20th to 21st August 2021 at Poornima Institute
- Sandeep P Shewale, Dhanashree Panadare & from Azadirachta indica (neem) using three- using ultrasound, Preparative Biochemistry &



Nikhil Sardar successfully submitted and presented a Fake News Employing Proposed Machine Learning on Smart Innovations for Society (ICSIS- 2021) held of Engineering & Technology, Jaipur Rajasthan.

Virendra K. Rathod, Extraction of total antioxidants phase partitioning and its process intensification Biotechnology.

Events Organised:



1. SY Orientation program conducted on 8th & 9th Sept 2021 at School of Mechanical & Civil Engineering.
2. Parent-Teacher meet organized on 4th Sept 2021 for TY & B.Tech Mechanical class on MS Teams.
3. Mechanical Section of SMCE has organized Alumni meet on 5th Sept. 2021 at 11 am on virtual mode.
4. A session has been conducted by Dr Pramod Kothmire on “How to write Research Methodology for Research Papers” for Faculty and Students on 17th September 2021.
5. School of Chemical Engineering organized 17th National Level Chemical Engineering Students Conference “PRAKALP-2021” with the theme of “Chemical Industry 4.0” during 13th & 14th September 2021 online.

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**DID
YOU
KNOW?**

George E. Davis
is regarded as the world's first chemical engineer. He was often credited with being the father of Chemical Engineering by members of subsequent generations of chemical engineers.

Blogs:

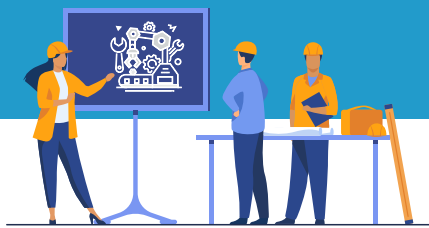


IMPORTANCE OF INTERDISCIPLINARY COURSES



MIT Academy of Engineering, Alandi is One of the country's largest autonomous universities is adamant that engineering education in the country needs to become more inter-and multi-disciplinary, and that its domains, which are currently divided into narrow verticals, need to be flattened.

Women in Mechanical Engineering



According to a 2013 poll more than 80% of female engineers are happy or extremely happy with their career choice, and 98 per cent find their employment satisfying. The MIT Academy of Engineering, one of the top engineering institutes in Pune, has taken steps to encourage female mechanical engineers to enrol by providing numerous work prospects.

Acknowledgement:

We thank all the faculty members, staff, and students who have been helpful and cooperative while the newsletter was under process. We especially thank the faculties and HoD of the Chemical Department, MITAOE for their valuable inputs in this month's newsletter. It is with a team of active members that the September edition of "The Insider" is ready to be published.

Editorial Team:

- Shatakshi Sinha
- Rohan Pardeshi
- Nilesh Lokhande
- Sarvesh Shinde