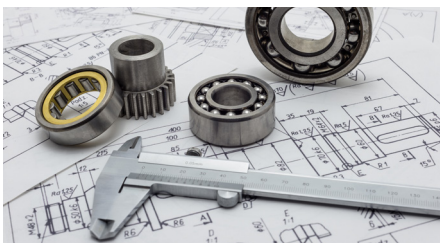


AUGUST 2021 EDITION

We are delighted with all the responses received on our monthly newsletter “The Insider”. In this third edition of the monthly newsletter of MITAOE “The Insider”, we are looking forward to introducing our departments, starting with the “Mechanical 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 July 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!



• Mechanical Department
at MITAOE



• Placements

August 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!



DR. PRAFULLA R. HATTE
Dean
School of Mechanical & Civil
Engineering (Mechanical
Department) at MIT AOE



Dr. Prafulla R. Hatte has been associated with the MIT Academy of Engineering since 2015 and has a total of 26+ years experience in industry and institutions. He is Cambridge University Certified “International Teacher & Trainer” and currently, he is the Dean of School of Mechanical & Civil Engineering (Mechanical Department) at MIT AOE. He believes in the upliftment of education and bringing a positive change in the field of Mechanical Engineering. Looking forward to the current situation of India, he says there is going to be a revolution in the field of product manufacturing in India and therefore bringing more job opportunities for Indians and Indian Brands around the globe. The Department of Mechanical

Engineering at MITAOE has a curriculum that provides flexibility to its students to do specializations in various interdisciplinary domains such as Artificial Intelligence, Machine Learning, Data Science, Internet of Things, etc, opening a plethora of career opportunities to choose from being in the core of Mechanical Engineering, Says Dr. Hatte.

"Your time is limited, so don't waste it living someone else's life."

STEVE JOB



Mechanical Department at MITAOE

"THE ECONOMY OF HUMAN TIME IS THE NEXT ADVANTAGE OF MACHINERY IN MANUFACTURES."

- CHARLES BABBAGE



The Department of Mechanical Engineering was established in the year 2006 with a total of 180 intakes in the Undergraduate program. The department also provides a Master's degree in the field of Heat Power Engineering. At the department, a student witnesses the perfect blend of practical, theoretical, and research-based knowledge. The department also has a provision for various certification courses apart from the skill courses such as Computer-Aided Product Design, Mechanical Simulations, Industrial Measurements and Instrumentations, etc. The highly qualified faculty members of the department focus on an innovative and learner-centric approach in teaching their students in order to brainstorm young minds to do industry-supported projects



Useful Knowledge:

A student can also opt for a specialization in mechanical areas like Computer-Aided Engineering, Automobile Engineering, and Robotic & Automation. There are many clubs such as Autosports club, Entrepreneurship club, Shiksha Club, and conducts various activities under International Students Chapter IMechE and Quality Circle Activities. Apart from these activities the department also looks forward to conducting various state and

national-level events such as seminars, workshops, and conferences on significant topics in the field. The students have successfully filed 17 patents on innovative ideas and also published more than 100 technical research papers recently in reputed international journals from the School of Mechanical Engineering at MITAOE.

Placement at MIT

At MIT Kothrud Campus

1. Chemical-I Student Selected 2021 Batch,
Cognizant - 4.1 Lakhs
2. Chemical-I Student Selected 2021 Batch,
Ecolab - 3.7Lakhs

Campus Placement: 448 (2020 Batch)

Campus Placement: 338 (2021 Batch)

Publications

1. Mr. A. K. Chandgude along with Shrikant Pawar published a paper in Springer titled “Thermal Performance of Two Phase Closed Thermosyphon with Acetone as Working Fluid” Techno-Societal 2020, Proceedings of the 3rd International Conference on Advanced Technologies for Societal Applications—Volume 1, Springer Publication.
2. Mr. R K. Patil along with Ayush Narayan Malviya, Gokul kumar Vishwanathan Published a paper in Springer titled “Design and analysis of Automated detaching of coconut branches from tree using a robot” Techno-Societal 2020, Proceedings of the 3rd International Conference on Advanced Technologies for Societal Applications—Volume 1. Springer Publication.
3. Mr. Rahul A. Patil along with Ranjit Sawant, Kunal Hole, Swapnil Vhantale, Swapnil Yeutkar Published a paper in Springer titled “Thermal Characterization of Solar Elliptical Dish Steam Generator” Techno-Societal 2020, Proceedings of the 3rd International Conference on Advanced Technologies for Societal Applications—Volume 1, Springer Publication
4. Mr. Rahul A. Patil along with Nachiket Shende, Mayur Bhurle, Hrishikesh Bhagwat, Omkar Deokatte Published a paper in Springer titled “Thermal Analysis of Earth Air Tube Heat Exchanger for Cooling Tower” Techno-Societal 2020, Proceedings of the 3rd International Conference on Advanced Technologies for Societal Applications Volume 1, Springer Publication.

EDITORIAL SECTION



We are delighted with all the responses received on our monthly newsletter “The Insider”. In this third edition of the monthly newsletter of MITAOE “The Insider”, we are looking forward to introducing our departments, starting with the “Mechanical 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 July 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. 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

Walkathon And Mini Run, Maharashtra Chapter 2021

BAIG India, Walkathon, and Mini run's Maharashtra Chapter were Inaugurated on 23rd July 2021. The virtual event was organized by the Board of International Aviation Games (BAIG) In collaboration with the MIT Academy of Engineering and Sinhgad Group of Institute, Pune. The event was initiated by Mr Ashu Gupta, director of SAUSF and BAIG India, which was hosted by Dr. Vaishali Wangikar, dean of student affairs, MIT AOE.

The fun and interactive event had more than 250 attendees which took place between 2 pm and ended by 3 pm. There were speakers from all over the world who were invited by the organizing committee such as Mr. David Schmude, president of FISU, Oceana, and Mr. Joginder Singh, President of Hero Enterprises. Other prominent people present at the event were, Dr. Chandrakantha Mahendranathan, President Sri Lanka University association, Mr. Suresh Chukkapalli, president of Phoenix Group, and Lt. General K.J Singh.

Directors from sinhgad institutions also interacted and promised to take ahead such in future activities. Dr. Mahesh Goudar, Director MITAOE focused on the holistic development of students and said that MITAOE is ready to organize National and international activities related to robotics, drones, and sports.

Participants of the event were to register for the same before 25th July 2021 and the top 10 participants will be awarded while all the other participants will receive a medal and certificate of participation from the committee as a token of appreciation.

Focusing on the major agenda of health and fitness in times of pandemic even when everyone is stuck at home the speakers enlightened the audience and students present at the event on the importance of sports and healthy life.

"He who has health has hope and he who has hope has everything."

ARABIAN PROVERB



Regional body of



MIT | Academy of Engineering

(An Autonomous Institute Affiliated to Savitribai Phule University)



Sinhgad Institutes



Events Organised:



Guest Lecture on Multidisciplinary Career Opportunities for Engineers by Alumnus Akshata Balghare, Ph.D. - Technical Communication and Rhetoric, Texas Tech University was organized by the School of Electrical Engineering in association with Alumni Association, MIT AOE on 03rd July 2021



Mechanical Engineering of SMCE organised a National Level Project Competition "SPARK 2K21" at MIT Academy of Engineering, Alandi, Pune, on Sunday, 4th July 2021 online, coordinated by Mr. R.S Jadhav. Mr. Rahul Deo Pandey & Mr. Sachin Naik was invited as Industry Examiner for evaluation of the competition.



School of Electrical Engineering organized a One week National Level Faculty Development Program on 'Recent Trends in VLSI Design' in association with Entuple Technologies, Bangalore from 19th to 23rd July 2021.



A 2-days workshop on "LaTex" was organized by Mr. Pokharan on 26th and 27th July for the YT & BTech Final year students.



A three days National Level Workshop on "All About Cars" was organized by the SMCE department from 27th July to 29th July 2021. The core organizer of the event were and the main speaker of the event was Dr. Prafulla Hatte which was organised by Mr. Vinayak Bhosale, Mrs Mayuri Dhupal

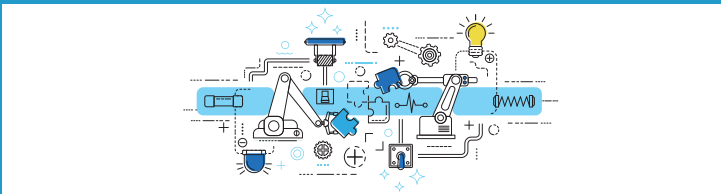
Student Achievement:

• The research paper by our B.Tech students Mr. Mayank Mishra and Mr. Rushikesh Bhawar won the Best Paper awards In the 2nd International Conference on Emerging Trends in Science Engineering and Management ICETSEM 2021.

• Ranjeet Bhosale (Mechanical Student) has bagged the first prize along with a cash reward in Quantum - 2021 a virtual national level project presentation competition organised by Rajarambapu Institute of Technology, and sponsored by Kalyani Bharat Forge Pvt. Ltd. held on 5th July 2021 for the project, Smart Glasses for Automated Criminal Detection using facial recognition with deep learning.

Blogs:

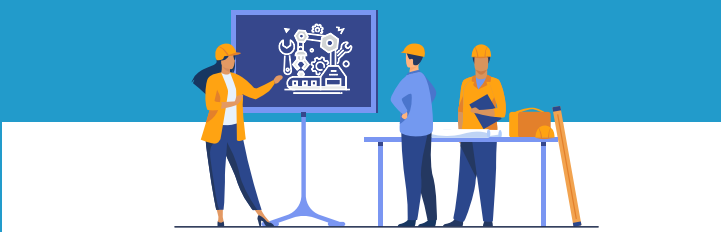
Engineering Then And Now



"Once the technology is available, people will use it in ways it was not intended." "That's the entire history of technology," MIT Academy of Engineering looks forward to training the budding engineers through rigorous internships and practical training at every stage of their curriculum. [Read more...](#)



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. [Read more...](#)

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 Dr. Prafulla Hatte, Dean Mechanical Department, MITAOE for his valuable inputs in this month's newsletter. It is with a team of active members that the June edition of "The Insider" is ready to be published.

Editorial Team:

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