



INTRODUCTION

The monthly newsletter of MITAOE, "The Insider," shares information about educational events, monthly activities, guest lectures, webinars, and other events that help B.Tech and B.Des students prepare for a bright future. There are many more activities that take place on the MITAOE campus. Standing by the motto, "You grow and the institution will grow with you," we at MITAOE honor one another's success stories, both large and small, and this is one way we do it!

It is our earnest hope that you will find The Insider, our monthly newsletter, to be beneficial and inspiring for future development. We would like to express our gratitude to all of the faculty and staff for making this possible each month.

Here are the highlights of January 2024 with the monthly newsletter from MITAOE- 'The Insider'.

Reach us at marketing@mitaoe.ac.in for constructive feedback that will be helpful for us.

SPOKESPERSON



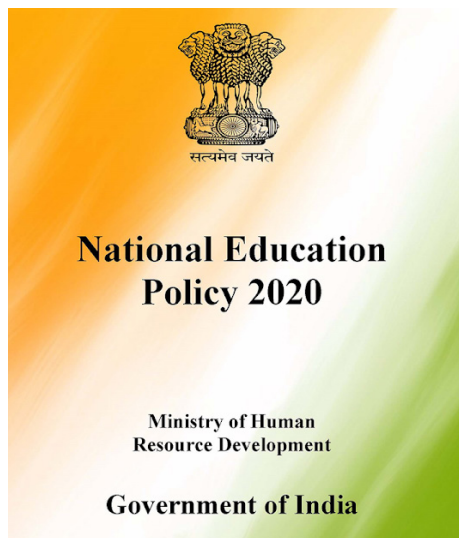
Dr A. M. Malage

Dean of Professor School of Mechanical Engineering, MITAOE

A variety of practical skill courses, including Industrial Measurement & Instrumentation, Computer-Aided Product Design, Mechanical Simulation, Object Oriented Programming, etc., are included in the Mechanical Engineering curriculum. It offers chances for students to learn interdisciplinary knowledge and skills through a variety of courses offered under the Choice-Based Curriculum System (CBCS). The specialisations in computer-aided engineering, robotics and automation, and automobile engineering are available to mechanical students.

the industry due to technological advances and innovations, we urge students of all the branches to be ready and equipped to explore a wide range of options across a broad spectrum of sectors.

ACTIVITIES



Mr. Sitaram Surywanshi and **Ms. Swapnali Mohol** attended the Two Weeks Online Faculty Development Program on NEP 2020: Orientation and Sensitization conducted under UGC- Malviya Mission Teacher Training Centre- Tripura University



Ms. S.S. Shende and Mr. P.R. Kulkarni from School of Chemical Engineering has successfully completed Refresher Course in Chemical Engineering targeted to increasing profitability of plant.

- Dr. P. S. Kalos Attended Two days National Level Workshop on **“Best Practices for Editors and Reviewers: Ensuring Quality and Integrity in Reporting Research”**, during 23 - 24 February, 2024 at SPPU, Pune.
- Mr. Ashish Itolikar Assistant Professor **SCHOOL OF HUMANITIES AND ENGINEERING SCIENCE** attended Online Course on Exploring Earth's moon through Chadrayaan from 19/02/24 to 23/02/2024 conducted by ISRO, IISR, India.



- IIChE Students' Chapter, School of Chemical Engineering has organized International Chemical Engineering Conference: PRAKALP 2024 on theme “Green Technology and Sustainability”.



- 2. The School of Civil Engineering & School of Chemical Engineering Jointly organized the World Water Day celebration and **“Bhoomi Club”** inauguration function. Civil Engineering students showed in the function along with creating awareness about Water conservation by creating a video film.

- **Dr. S. D. Barewar** and **Mrs. Shital Kharat** organized an online Guest lecture on **"How to write a Research Paper"** on 22/03/2024 for TY Mechanical Students by Dr. B. Balaji, MEE- ASE, Chennai campus.
- Industrial visit at **LTIMindTree** Pune organized for 92 TYBTech Students on 22nd March 24 by Diptee Ghusse under IEEE Student Chapter through association of student of computer engineering.
- **Dr. Vishal Puranik** attended One Week Faculty Development Program on **'Next Generation Artificial Intelligence'** organized by Vishwakarma Institute of Information Technology, Pune from 11th March to 16th March 2024.
- **Mr. N. S. Rashinkar & Mrs.J.A.Gunjotikar** organized Two Days Workshop on **"Basics of Mechanical Engineering"** during 15th to 18th March 2024 for staff and students of School of Mechanical Engineering.
- **Mr. A. M. Kolhe** arranged industrial visit at Manasi Pressing Pvt. Ltd. (Mr. Sahukat Mulani) Markal , Alandi, Pune for S Y B Tech Div A students (62) on 13/03/2024

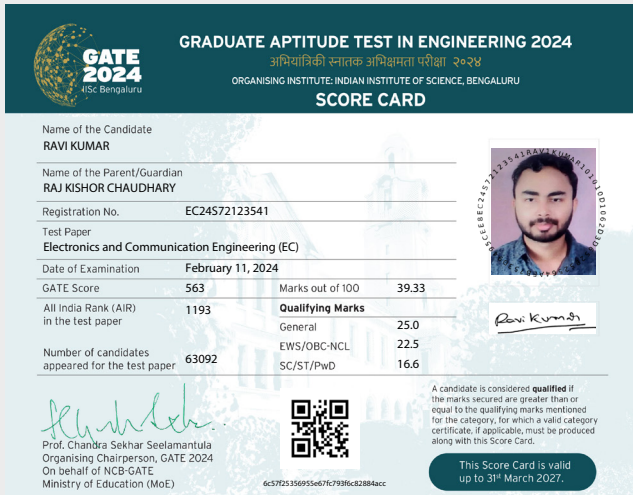


- Inauguration and orientation of 'Advanced Logistics - (Supply Chain Management)' Skill course) done on 20/03/2024 jointly by USDC, MITAOE and GOYN for Third year students of MITAOE.

STUDENTS/ FACULTY ACHIEVEMENTS



- **Kaushik Choudhari**, TY ETX and **Abhishek Patil**, BTECH ETX Won **First Prize** in Drone Race Competition under Innovision 2024, A National Level Techno-Social Symposium, conducted by JSPM's Rajarshi Shahu College of Engineering, Pune on 20th and 21st March 2024.



Ravi Kumar from **BTECH E&TC** qualified for GATE 2024 with **All India Rank 1193** and percentile of 563.



Tammany Khade student of Civil engineering TY BTech, won **Silver medal** in Shot put (Gola Phek).

Vaibhav Kawade from **TY BTECH E&TC** selected as a Champion Innovisioner for most innovation idea he has presented during the Innovision Maharashtra State Level Competition 2023-24 organized by Rotary Club of Pune on **10th February 2024**.

Vaibhav Kawade from **TY BTEH E&TC** awarded as a Winner in **Technodium 24**, Hardware End to End project model design, A **National Level Competition** held at MIT Academy of Engineering on 4th March 2024.



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Srividhya Iyer from **BTECH E&TC** secured a rank as a Semi Finalist of Federal Bank Speak for India - Maharashtra Edition 2023-24, a State Level Inter Collegiate Competition held in 2023-24.



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RESEARCH & DEVELOPMENT

Research funding:

Mr. Prashant Dharvagarwar a Mechanical Engineering student got research fund from ISHRAE Pune chapter society for the undergraduate project titled "Numerical simulation of air distribution in **HVAC** excavator (JCB) cabin ducts using computational fluid dynamics under the guidance of Prof. V.N. Deshmukh

Journal Publication:



Dr. Sandeep Pande has published 2 papers with title "Real-Time Imbalance Liver Tumor Sensor Databases: A Deep Classification Framework with Ensemble Feature Extraction, Ranking, and Probabilistic Segmentation for Efficient Analysis" and "An Automatic Multi-Variate Multi-Class Feature Extraction, Ranking Based Joint Probabilistic Segmentation and Classification Framework for Multi-Class Liver Tumor Detection" in IJISAE, Scopus indexed Q3 Journal.

Patent:

Prof. Aswathy M.A. granted a patent for the invention titled '**Breast Cancer Detection Device using Raspberry Pi**' from Government of India.

Reviewer:

Dr. Pramod Kothmire has been invited to serve as a Reviewer for an article submitted to the esteemed Elsevier publisher journal, Applied Thermal Engineering. in assessing the quality, validity, and significance of the submitted manuscript, contributing to the rigorous peer-review process that ensures the publication maintains its high standards of excellence and integrity.





Dr. Ashish Mulajkar selected as an Reviewer and Editorial Process for a SCOPUS Indexed International Journal of Advanced Technology and Engineering Exploration, having ISSN No. 2394-5443.

Research Article:

A research article of **Dr. P. S. Kalos** is published online in SCI Journal (Impact Factor 2.4) entitled **“Synthesis of biodiesel from the composite oil and process parameters optimization using artificial neural network”**, Journal of Process Mechanical Engineering, ISSN / eISSN: 0954-4089 / 2041-3009.



EVENT

MITAOE signed MOU with Sthenos Composites for internships of students, **Faculty Development Programmes**, and industry visits.

Students of MITAOE, inspired by the 110th **Mann ki Baat by PM Modi**, took an oath to support Mera Pehla Vote- Desh ke liye. All students pledged to actively exercise their voting rights during the coming elections of 2024.

MITAOE was felicitated by the Certificate of Excellence, ranking in Silver band with **B++ grade** by **OBE Rankings 2023**

Annual event of **School of Chemical Engineering** is been successfully done and enjoyed where facilitations of the students and professors from the department was planned and done satisfactorily.



Annual event of **MITAOE- Nakshatra 2024** was successful arranged by students including movie nights, Neon Nights, Autoexpo where exotic automobiles were displayed.

Club mela during **Nakshatra 2024**, the GDSC stall was super hit among the students and professors, along with the much enjoyed selfie point.

OTHERS



Dr. S.V. Taralkar - Associate Professor and **Dean QA** coordinated Refresher Course in Chemical Engineering targeted to increasing profitability of plant. The course was organized by **IChE** Pune Regional Centre, Pune.



Dr. S.P. Shewale and **Dr. S.V. Taralkar** from School of Chemical Engineering provided guidance session on **NAAC** at MIT College of Railway Engineering & Research, Barshi.

- MoU between MIT Academy of Engineering and Stenos COMPOSITES has been signed on 28/03/2024 for SLIP, SIP, Industry Sponsored projects. This MOU coordinated by Prof. V.
- Academic audit is conducted in the Civil Engineering Department by Dr. Parag Sadgir, Professor and HOD, Civil Engineering, COEP on 21/03/2024.
- School of E&TC Engineering organized an Alumni Meeting on 9th March 2024.
- School of E&TC Engineering organized an Interaction with experts from Uno Minda regarding EV Centre of Excellence and its execution on 18th March 2024.
- Total 27 students from TY BTECH E&TC and ETX qualified for GATE 2024.
- Mr. Bhaskar Wabhitkar presented the ASPIRE Proposal Project at SPPU on 19/03/2024.
- School of E&TC Engineering organized a Parent Meeting on 9th March 2024.
- Dr. Shyam Shukla has visited M/s Siddhi Consulting Engineering Pvt. Ltd. to explain the outcome of the CFD analysis. The draft report is submitted to M/s Siddhi consultants.
- Prof. Saylee Bidwai contributed as a Resource person for One Week Online Faculty Development Program on 'Industry 5.0 - A paradigm Shift towards Circular Economy' organized by Nanasaheb Mahadik College of Engineering, Peth Naka, Sangli from 19th February to 24th February 2024.
- Prof. Vaishali Katkar and Prof. Nikhil Sardar presented BCUD Aspire Proposal on the topic 'Design and Development of Environment Friendly E-bicycle' at IQAC Cell, Savitribai Phule Pune University, Pune on 21st March 2024.
- Training and placement updates:
A) Campus Placement : 622(2023 Batch) Average Salary-6.03 LPA
B) Total Single Offer Placement:-505(2023 Batch) Average Salary-6.38 LPA
C) Campus Placement: 247(2024 Batch) Average Salary-6.35 LPA
D) No. Of Students Placed for YLIP-169(All Branch Engg.)

"We **Thank** all the faculty members, staff, and students who have been helpful and cooperative while the newsletter was under process. It is with a team of active members that the February edition of "**The Insider**" is ready to be published."

EDITORIAL TEAM

Bhushan Bembale
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