

MIT

Academy of Engineering

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

THE INSIDER

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SEPTEMBER EDITION



INTRODUCTION

The Insider is a monthly newsletter of MITAOE getting published on the website of the MIT Academy Of Engineering. Covering the monthly highlights, achievements, and events happening in MITAOE.

The agenda for The Insider is to appreciate the good work and inspire others to

follow in the footsteps of success. Also a vote of thanks to the internal faculty for the input.

If you have any inputs for making The Insider more insightful, helpful and inspiring, then reach out to us at- marketing@mitaoe.ac.in

SPOKE PERSON



Dr. Janhavi Inamdar

Prof. and Dean of External Relations

Working as the professor of School of Civil Engineering, at MIT Academy of Engineering, Alandi, Pune. As well as working as Dean of External Relations MITAOE.

International Relations is an integral part

of MITAOE that aims to provide students with a global platform for further education. One of the objectives of the IR is to give our students exposure to the multicultural and global educational environment during their undergraduate studies by sending them for the International Summer Internship Program (ISIP) to foreign universities in the USA, UK, Europe, Malaysia, etc. MITAOE has international collaborations with some of the most prestigious foreign universities.

The collaborations give the students a platform to explore opportunities for further education abroad for their Master and PhD studies. The students also get to go to these universities to attend various seminars, conferences, and workshops. The IR conducts various training programmes for the students so as to prepare them for further education abroad and also provides them with the necessary assistance. It keeps itself abreast of the current developments in the global education scenario by participating in various national and international events.

EVENT



Mr. Edwin Rajeev (Ph. D- CFD Coastal Engineering, M.S. - Aerospace Engineering at the University of Florida (currently working as Engineer at Cummins USA) an alumni student delivered a motivational talk on "Career in CFD and abroad education" for Mechanical Engineering students on 05/10/2023.

School of E&TC Engineering organized a Guest Session on '**Deep . on Edge Devices**' by Mr Swapnil Daphal, Senior Engineer, elnfochips Pvt Ltd. on

RESEARCH & DEVELOPMENT

- A research paper published in the International Journal of Hydrogen Energy (IJHE) Elsevier by Dr Subrata Bhowmik titled "**Investigation of performance, combustion and exhaust emission characteristics of a compression ignition engine fueled with diesel-kerosene-ethanol-hydrogen strategies**" on 04/09/2023.
- Dr. Satyajit Chincholkar** published an article titled 'Large-Signal Stability of the Quadratic Boost Converter using a Disturbance Observer-Based Sliding-Mode Control', in Mathematics2023, Volume 11, Issue 18, 3945.

ACHIEVEMENT

- Prof. Shridhar Khandekar, Prof. Savita Pawar, Prof. Vinaya Tapkir, Dr Rashmi Mahajan and Prof. Ritu Jain attended One Week Workshop on '**VLSI to System Design: Silicon to End application Approach**' organized by AICTE, ARM Education & STMicroelectronics from 31st July to 4th August 2023.
- Dr M. P. Joshi was awarded Best Teacher of the Department, Mr B. R. Patil was awarded Best Outgoing Performance of the Autosports club, Dr N. B. Totla, Dr S. B. Patil and Dr G. V. Shete got an appreciation for Readathon at MITAOE on the occasion of Teachers Day on 7/9/2023.
- Mr V. D. Pakhale – School of Chemical Engineering, received the Best Teacher
- Dr M. P. Patil – School of Chemical Engineering, received the Best Teacher award from the School.
- On the Occasion of Teacher's Day, Dr Rashmi Mahajan has received a Teacher of Department award for E&TC Engineering and Prof. Vipin Yadav has received a Teacher of Department award for Electronics Engineering.
- Dr Vishal Puranik contributed as a reviewer for the 66th Annual IETE Convention's National Conference



- Dr Vishal Puranik has received 4th Smt. Kamal Sharma Award for Academic Excellence 2023 from The Lexicon Group of Institutes, Pune.

STUDENT'S ACHIEVEMENT

- **Abhishek Patil**, TY BTECH ETX has successfully completed the 'DGCA-approved Remote Pilot Instructor Course (Category - Rotorcraft VLOS, Class - Small)' conducted by Drone Destination at Gurugram Base.
- **Rudraksh Aniket**, BTECH E&TC secured Third place in the Inter-Collegiate Fencing - Epee tournament for Academic Year 2023-24.
- **Rudraksh Aniket**, BTECH E&TC secured First place in the Inter-Collegiate Fencing -Sabre tournament for Academic Year 2023-24.

Special Mention

- MITAOE got a patent for an invention entitled '**TEMPERATURE MEASUREMENT TECHNIQUE FOR COMBINED FACE AND SHOULDER GRINDING OPERATION.**'

OTHERS

- Academic collaboration **MOU signed** between **BITS Pilani** and MITAOE.
- **Dr Shyam Shukla** has submitted an offer of consultancy to **M/s Xylem Limited for CFD** analysis of the Drop Shaft and Common outlet; of the Malad and Versova Project.
- **Dr Rashmi Mahajan** contributed as a Reviewer in the 1st Springer **CCIS** International Conference on 'Role of AI in Bio-Medical Translations' Research for the HealthCare Industry (AIBTR-23) held on 23rd September 2023 organized by the Centre of Excellence Biomedical Engineering & Technology Incubation Centre (BET-iC-GHRCE) and Artificial Intelligence & Machine Learning (AIML) of G.H. Rasoni College of Engineering, Nagpur.

"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
Nilesh Lokhande

Harshada Kumbhakarna
Milan Sagdhara

Sarvesh Shinde