

# MIT

## Academy of Engineering

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

# THE INSIDER

## 31-08-2023

AUGUST 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.



# SPOKE PERSON



**Prof. Saylee Bidwik**

Head of the Entrepreneur

With 20+ years of experience in the industry, Prof Saylee Bidwik is working as Head of the Entrepreneur Cell at MIT Academy of Engineering, Alandi

helping and guiding young and enthusiastic minds to develop ideas and transform them into substantial Start-ups.

Having a diploma in Intellectual Property law she also has been Awarded as Distinguished Assistant Professor by the Computer Society of India in January 2017 and Indian Achievers' Award for Excellence in Education in 2022.

Shaping young minds and helping them create the legacy and choose the different paths towards success.

Entrepreneurship is not a different branch of education, it is the mindset of that makes you an Entrepreneur. Discussing various aspects of it and boosting the confidence of the students to achieve their dreams and leading them to the path towards the goal.

## EVENT

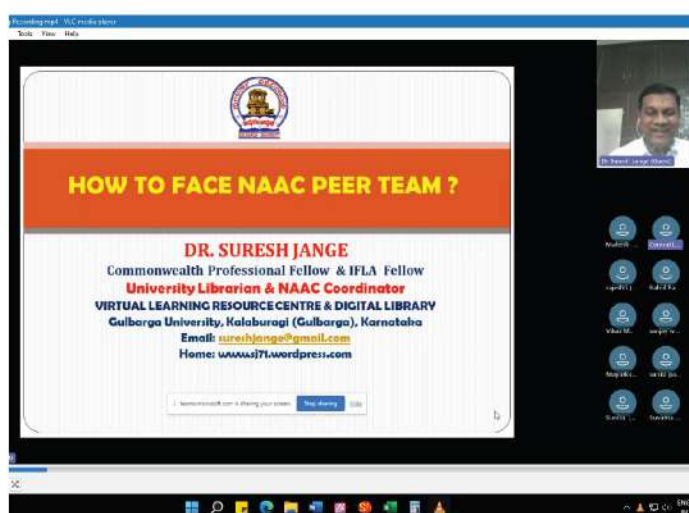


**Dr Shyam Shukla** has invited **Dr Hemant Sonawane- Head PR Dept. Pune Metro** for a discussion about students' educational tour and inviting him to the Engineers Day Celebration

The Central Library organized a session on **'NEP - 2020: The role of Library professionals'**, on 24th July 2023. The session was presented by **Dr Rajendra Kumbhar**, Senior Professor, Library and Information Department, SPPU, Pune. The session was attended by the staff of the Central Library of MITAOE, MIT ACSC and MIT BEd College.



The Central Library organized an online session on **'NAAC: How to prepare documents and face peer committee'** on 25th July 2023. The session was presented by Dr Dinesh A. Sanadi, Librarian at St. Joseph's College of Arts & Commerce, Satpala, Palghar Mumbai. The session was attended by the staff of the Central Library of MITAOE, MIT ACSC and MIT BEd College.



The Central Library organized a session on **'Modern ICT tools and techniques for library professionals'**, on 26th July 2023. Dr Sadanand Bansode, Associate Professor of Library and Information Science SPPU Pune was invited to guide central library staff. The session was attended by the staff of the Central Library of MITAOE, MIT ACSC and MIT BEd College.







**Central Library** organised an awareness session on Pearson **eBooks** on 27th July 2023. The session was presented by **Mr Priyank Marketing Manager**, Pearson India Limited. Faculty members and staff of the Central Library participated in the session.

**Central Library** organized a session on 'Research and Publication Ethics: Role of Library Professionals', on 28 July 2023. This session was presented by **Dr Amita Pradhan, Librarian**, **Dr Bhanuben Nanavati College of Architecture for Women, Pune**. The session was attended by staff from MITAOE, MIT ACSC and MIT BEd College Library.



**MIT Academy of Engineering** organized the '**Meri Mati Mera Desh**' program on 9 August 2023 by taking the '**Deep Dive Panchpran**' pledge. Faculty, staff and students participated in the oath-taking ceremony with great enthusiasm. A pledge ceremony was organized at the institute level at 9:30 am. The event is conducted by Ms Vandana Khandelwal.

**Various proposals submitted under the Student Development Board of SPPU.**

Sr. No.	Proposal submitted	Event Coordinator	Department	Amount
01	Workshop on Disaster Management	Vandana Khandelwal	Central Library	35000/-
02	Nirbhya Kanya Abhiyan Yojna	Vandana Khandelwal	Central Library	32000/-
03	Research Skills development	Vandana Khandelwal	Central Library	50000/-
04	Yoga and Meditation Workshop	Vandana Khandelwal	Central Library	39000/-
05	Student Empowerment Program: Be a Responsible Student	Vandana Khandelwal Dr Arika Kotha	Central Library & Exam Cell	39000/-
06	Earn & Learn	Vandana Khandelwal	Central Library	
07	Entrepreneurship Skill Building	Vandana Khandelwal	Central Library & ED Cell	38500/-
		Saylee Bidwai		
08	Financial Literacy	Meghavi Singh	CR office	34000/-
09	Why is CSR?	Meghavi Singh	CR office	38000/-
10	Networking and Professional Etiquette	Meghavi Singh	CR office	43500/-
11	Career Building	Meghavi Singh	CR office	44000/-
12	Digital marketing Workshop	Sarvesh Shinde	Marketing	22,500/-
13	Intercollegiate Mathematics Championship	Asha Abhilash	SESH	50000/-
14	2 Days workshop on Grooming and Personality Development	Vithika Sidhabhatti	Dean SA	57000/-
15	2 days workshop on Advanced Digital Marketing	Dr Kamble	SME	100000/-
16	2 days Workshop on Photography	Amol Kapse	Dean SA	24000/-



17	2 Days Workshop on Entrepreneurship Development	Rudragouda Patil	Computer	114000/-
18	Two days Soft Skills & Personality Development Program	Bhagyashree Alhat Pranali Lokhande	Computer	45000/-
19	Fundamentals of Digital Marketing	Krunal B. Pawar	Computer	120000/-
			<b>Total</b>	<b>925500/-</b>

## RESEARCH AND DEVELOPMENT

**Dr Sandeep Dwarkanath Pande**, has published a research paper in Open Life Sciences, SCI journal with the title '**Stochastic gradient descent optimisation for a convolutional neural network for medical image segmentation**' vol. 18, no. 1, on 09 August 2023.

A research paper titled "**Design and Analysis of Automated Pesticide Sprayer with Detection of Grapes Using Machine Learning**" is presented and published in IEEE National Student's Conference on Innovation in Rural Development organized by IEEE student's branch Shri Sant Gajanan Maharaj COE, Shegaon held on 20th -21st April 2023 by Darshan Kuwar, Prasad Wakchaure, Rajeshwari Shinde, Tanuja Himparg along with Dr Shreekant Patil.

**Dr Sandeep Dwarkanath Pande** has published a research paper in Electric Power Components and Systems, SCI journal with the title "**A Fuzzy-Based Slip Resistive Controller for Front Wheel Drive Autonomous Electric Vehicle**" vol. 51, no 16, on 18 August 2023.

# ACHIEVEMENTS- (Faculties & Students)

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- **Dr Abhijeet Patil** - Assistant Professor, School of Chemical Engineering received a **Doctor of Philosophy (PhD)** degree in Chemical Engineering from BITS Pilani Goa
- **Ms Kunjan Junghare** - Assistant Professor, School of Chemical Engineering completed **PhD open defence** and Viva Voce.
- **Mr Mihir Korde** student 2022-23 batch was selected for higher studies at **Massey University, New Zealand** for the course Postgraduate Diploma in Environmental Manage-



## OTHERS

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- **Dr Prafulla Hatte** conducted a spiritual session on '**Happy Life**' for the staff and workers of Pragati Press Tool Pvt Ltd on 21st August 2023 at the company premises.
- **Mr Khushal Kanade** has been appointed as Faculty Coordinator at the College

- level for **GREEN CLUB** under the program of **(Youth Engagement for Water Stewardship, YEWS)** Training Program Initiated by **UNICEF ' DTE**. Training Program was at Government Polytechnic College on 20/8/2023, Pune. Under this YEWS Program, a GREEN CLUB is formed in **SCVE, MITAOE**.
- **Ms Swapnali Mohol** Organized photo session at Takshashila lawn at MITAOE for '**Chandrayan 3**' successful landing for all the faculties and for TY and BTech Students.

"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