



INTRODUCTION

The educational events, monthly activities, guest lectures and webinars directing students of B.Tech and B.Des towards a bright future; such and many more activities happening in the campus of MITAOE regarding students, teaching and non-faculties are being shared in The Monthly Newsletter of MITAOE- '**The Insider**'. 'You grow and the institution will grow with you', standing by this, we at MITAOE celebrate every big and small achievements of each other and this is

one of the ways of appreciating these!

We sincerely hope that you find this monthly newsletter- **The Insider** both helpful and encouraging for growth in future. Thanking all the faculties and staff for helping us to make this possible every month.

Here are the highlights of November 2023.

Constructive and contributing feedbacks are welcomed here marketing@mitaoe.ac.in

SPOKE PERSON



Prof. B. R. Patil

Professor at School of Mechanical Engineering

Highly knowledgeable and dedicated professor at School of Mechanical Engineering, **Mr. B. R. Patil** is a most celebrated professor among the students at MIT, Academy of Engineering.

Leading the team of Niyudrath founded in 2019 by Mr. Sachin Anghadi and Mr. Vastsal Singh is under the guidance of Mr. B. R. Patil, where we design and manufacture go-karts on our own and participate in national-level events like IKR.

IKR is a national level competition of designing and manufacturing of Go-Karting automobiles for engineering students. IKR is a contest formulated to enhance the approach of students practicing Engineering courses. This competition was held with the permission of FMSCI (Under Ministry of Sports) at Galgotia University and world famous Buddha International Circuit.

2023 was the third time in a row where team Niyudrath from MITAOE won the competition with incredible performances under the guidance of Prof. B R Patil and the whole MIT AOE family is proud of this extra curriculum victory at national-level.

STUDENTS/ FACULTY ACHIEVEMENTS

- **Dr. Dipti Sakhare** and **Dr. Usha Verma** is selected for the **ICTIEE 2024** Teaching and Learning Award by IUCEE.



Dr. Prafulla Hatte attended the Elsevier event "**Strengthening the Future**" of Research and Education through Digital Transformation" on 11th October 2023.

- **Dr. Usha Verma** successfully completed the training '**Virtual Faculty Buildathon Data Analytics with Cognos**' conducted by IBM SkillBuild from 24th July to 4th August 2023.



- **Prof. Vaibhav Gijare** has completed NPTEL Online Certification Course on '**Cyber Security and Privacy**', NPTEL-AICTE Faculty Development Programme on 'Cyber Security and Privacy', Course 'FCA - FortiGate 7.4 Operator Self Paced' by Fortinet Training Institute, also, 'FCF - Introduction to the Threat Landscape 2.0 Self Paced' by Fortinet Training Institute.

- **Prof. Shilpa Rudrawar** attended Three Day National Level Faculty Development Program on '**Emerging Trends in VLSI Device, Circuit & System Design - A Practical Approach**' organized by R.V.R. & J.C. College of Engineering, Guntur from 9th to 11th November 2023.
- **Mr. Nikhil Bhalerao** attended XXVIII Endowment Lecture Series & Orientation Workshop -2023 on Wednesday, 29-11-2023 at MIT WPU.

- **Prof. Nutan Bansode** has completed NPTEL Online Certification Course on '**VLSI Design Flow: RTL to GDS**'.

- **Prof. Sachin Shingade** attended Webinar on 'Moving Matter in Computational Electromagnetism' by Prof. Halim Boutayeb, University of Quebec, Canada organized by IEEE IISc MTT/AP-S Student Branch Chapter on 3rd October 2023, attended Technical Talk on "High Performance RF, Millimeter-Wave and Sub-THz Integrated Circuits and Systems" by Prof. Aritra Banerjee, University of Illinois, Chicago organized by IEEE IISc MTT/AP-S and IEEE IISc VLSI Student Branch Chapter on 12th October 2023, also has completed NPTEL- AICTE Faculty Development Programme on 'Accreditation and Outcome Based Learning' and attended One Week Faculty Development Program on 'Machine Learning' organized by NSMS Institute of Pharmacy in association with Pantech E Learning from 20th November to 25th November 2023.

- **Mr. Sitaram Suryawanshi** has attended XXVIII Endowment Lecture Series & Orientation Workshop -2023 from Saturday 25-11-2023 to Wednesday 29-11-2023 at MIT WPU.



RESEARCH & DEVELOPMENT

1. Patent:

- A patent has been granted to **Dr. P. R. Hatte** on 09/11/2023 entitled "Fuel Blender For Use in Gasoline Engine for Blending Ethanol and Gasoline Fuel" for the term of 20 years from 10/03/2017.

3. Book:

- **Prof. Vaibhav Gijare's** Text Book published with R.K. Publications, 'Intrusion Detection - A Machine Learning Approach', ISBN-10:8119489918, ISBN-13:978-8119489916.

4. Reviewer:

- **Dr. Vipin Yadav** contributed as a Reviewer in the Journal Recent Advances in Electrical & Electronics Engineering.

2. Manuscript:

- Manuscript by Dr. Sneha Pokharkar, Dr. Vrushali Waghmare and Dr. Rashmi Mahajan titled 'the Significance of Technology-Enhanced Learning towards Enhancing Engineering Education' has been accepted as an oral presentation at ICTIEE 2024 and publication in special issue of the Journal of Engineering Education Transformations(JEET).

5. Conference:

- School of Civil Engineering Final Year student project Group have submitted and presented the paper to the International Conference on Sustainable Multidisciplinary Advances in Research and Technology (SMART-23).

OTHERS

1. **Dr. Maya Charde, Mr N. S. Rashinkar and Mr. Sunil Dewalvar** celebrated Constitution Day, Janjatiya Gaurav diwas and death anniversary of Mahatma Phule on 28th Nov 2023 under Equal Opportunity Centre. Session was conducted by Mrs. Shital Bandgar (Project officer, Pune District, Social Justice Department, BARTI). 80 students (E1 div and E3C batch) and (Bhagyashri Allhat and Dr. Kunjan Jungare) 2 faculties were present for the program.



2. **Dr. Prafulla Hatté** was the Guest of Honour for Vishwa IP Conclave on 25th November. The conclave was hosted by the Vishwakarma Institute of Information Technology, Pune in collaboration with WeGrow.

3. The Central Library organized an **NPTEL** Awareness e-Workshop in association with IIT Madras on November 30th, 2023, intended for faculty, staff, and students. **Dr. Mahesh Goudar** was invited as the special guest speaker from IIT Madras. Prof. Bharathi, Head of Operations at NPTEL, IIT Madras, provided an overview of SWAYAM-NPTEL, NPTEL features, and various its initiatives. Ms. Vandana Khandelwal delivered the introductory speech and proposed the vote of thanks.



4. School of Civil Engineering Final Year student project Group have submitted and presented a paper at the International Conference on Sustainable Multi-disciplinary Advances in Research and Technology (SMART-23).

“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