

"Developing Skilled and Quality Mechanical Engineering Professionals for catering technical and societal needs."

DEPARTMENT OF MECHANICAL ENGINEERING

December, 2024

Academic Year 2024-25



Message from Head of the Department

Welcome and best wishes to all the friends of the Department who receive this Newsletter. It has been an interesting and busy semester for members of the Department.

This Newsletter is an attempt towards achieving Motivation. The newsletter which is being rolled out today marks the launch of a sparkling activity that would enable the Management to bring out to the eyes of the

competitive world, the academic achievements of our prestigious institution.

The newsletter is one of the ways in which we can disseminate information on the life of the Department.

I would like to thank all my colleagues for their tireless efforts to help the department progress at a very steady pace.

-Dr. Anjali Joshi (HoD, Mech)

Editor's View

This Newsletter also gives an opportunity to our students and staff to spotlight their insights, ideas and innovations and to show how this can be applied in almost any organization. The success of this newsletter depends on your response. I would appreciate your feedback.

-Prof. Naresh B Dhamane

-Pratik Kurumkar

-Altamash Shaikh



Indian Super Karting Series Championship (ISKC-2024) Ujjain

MMITs Automotive Club (Team Invader) had participated in National Level Go karting Competition 'Indian Super karting Series Championship (ISKC-2024) Season 3' held at MIT Group of Institutes, Ujjain, Madhya Pradesh during 3rd to 6th July 2024. MMITs Team Invader has made remarkable achievements in both IC Engine and EV Category of Kart. We have achieved 11 Trophies/Prizes in different categories (highest by any team).

IC Category	EV Category
1. Endurance 3rd Runner up	1. Skid Pad 2nd runner up
2. Acceleration 2nd Runner up	2. Acceleration 2nd runner up
3. Autocross & Skid Pad Winner	3. Autocross winner
4. Traction 3rd runner up & Fastest Lap	4. Endurance 1st runner up



Training Program for Recruitment Success

The Department of Mechanical Engineering has organized a Training Program in association with Training and Placement Cell for SE, TE and BE students of Mechanical and Mechatronics Engineering. This training program will continue to cover 40 hrs. of Session in both Semesters. Training sessions are being conducted by Experts on Every Saturday. Students are being trained on different modules to be ready for the upcoming recruitment drives. These training modules are designed considering the levels like Mind Set, Skill Set and Process Training. In these levels, students will learn Goal Setting, Motivation, Campus Strategy, Aptitude, Soft Skills, Communication Trainings, Resume Building, Group Discussion, Interviews and Mock Processes etc. Students will also be trained with Python Programming during these training hours. Training Program for Recruitment Success is being coordinated by Prof. Dhananjay Bhoge Sir, Training & Placement Coordinator of Mechanical Engineering Department.



"Techno-Social Excellence"

Marathwada Mitra Mandal's Institute of Technology
Lohgaon, Pune-47

Training and Placement Cell

Training Program for Recruitment Success

Level I: Mindset	Level II: Skillset	Level III: Process Training
1. Goal Setting 2. Motivation 3. Positivity and Resilience 4. Campus Strategy	1. Aptitude Training 2. Technical Training 3. Communication Training 4. Soft Skills Training	1. Resume Building 2. Group Discussion 3. Personal Interview 4. Mock Process 5. Mock Test Papers 6. Python Programming
SEM III (SE) 40 Hrs.	SEM IV (SE) SEM V (TE) SEM VII (BE) 40 Hrs.	SEM VI (TE) SEM VIII (BE) 40 Hrs.

For Department of Mechanical & Mechatronics Engineering

Inauguration

Saturday 27th July 2024

9:30 am, E-204

Co-ordinator
 Prof. Dhananjay Bhoge
 TPC, Mechanical Department
 tpcmech@mmit.edu.in

Session on "Accelerators/Incubation- Opportunities for Students & Faculties: Early-Stage Entrepreneurs"

The **Institution's Innovation Council (IIC)** along with the Mechanical Engineering department hosted session on **"Accelerators/Incubation -Opportunities for Students & Faculties – Early-Stage Entrepreneurs"** on 22nd August 2024 at MMIT, Lohgaon, Pune. The Young Entrepreneur Mr. Shubham Paramshetti (Founder & CEO, MANUFAST, Pune) interacted with young engineering minds & shared his journey to become an entrepreneur from a Mechanical Engineering graduate.



Session on Career Guidance and Interview Preparation

The Department of Mechanical Engineering organized the Session on **Career Guidance and Conduction of Mock Interviews** on 28th September 2024. The Industry Experts for the session were Alumni of the Mechanical Engineering Department. Mr. Nachiket Doshi, Mr. Sandip Adik, Mr. Suraj Jaybhay had conducted the Mock Interview and Career Guidance Session for the SE, TE and BE students.



INDUSTRY VISITS

- BE Mechanical Students Visited at **Ashok Tyres** as a part of curriculum of Dynamics of Machinery on 7th October, 2024.



- SE Mechanical Students Visited at **Silson Boilers**, Bhosari, Pune as a curriculum part of Engineering Thermodynamics on 18th October 2024.



- The Department of Mechanical Engineering along with the Automotive Club visited the **International Electric Vehicle Show at Autocluster, Chinchwad** on 6th December, 2024.



- The faculty members of the Mechanical Engineering Department visited the Multinational Company **'Forvia'** at Chakan Industrial Area on 18th December 2024. The visit was insightful to get the comprehensive understanding of Forvia's Cutting Edge Technologies and quite productive to strengthen the Industry-Institute Interaction.

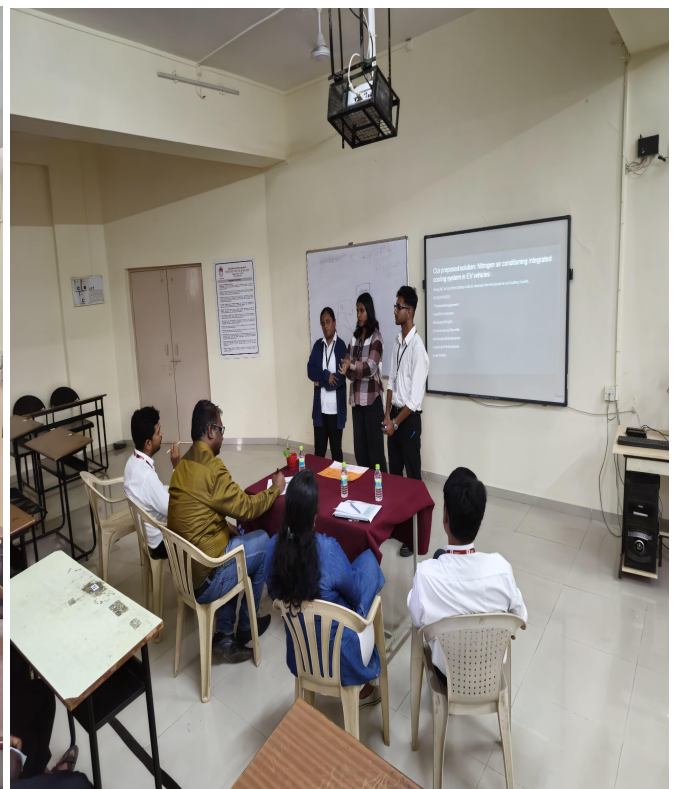


MESA EVENTS

- M.E.S.A. has organised the **Article Presentation Competition** on the occasion of Engineer's Day on 13th September, 2024.



- M.E.S.A. has organised the **Idea Competition** in association with IIC during 15th to 17th October, 2024.



WORKSHOPS

Workshop on Hands on 3D Printer

- The Department of Mechanical Engineering in association with **Zero 3D Corporation** had organized a one day **Workshop on 3D Printer** on 10th October 2024. This workshop was organized for SE, TE, BE students as well as Non Teaching staff of the Institute.



Workshop on Geometric Dimensioning & Tolerances

- The Department of Mechanical Engineering in association with **Graphix Technologies** had organized a Three Days **Workshop on GD & T** on 15,16 & 17th October 2024.



MoU

- The Department of Mechanical Engineering had signed a MoU with **Gyanteerth Academy** on 26th October 2024 focussing Trainings on Soft Skills and Communication for the duration of Three Years. Also the Department had signed MoU with **MIJSC-IIM Bengaluru**, **Graphix Technologies** and **Marathwada Mitra Mandal's College of Commerce** focussing different activities for the Students and Faculties.



DEPARTMENT HIGHLIGHTS

- **Dynalec Controls Pvt. Ltd.** has donated 4 Stroke, 4 Cylinder, CRDI Diesel Engine Model to the Department of Mechanical Engineering. This model will be helpful for the students to understand the construction & working of engines.



- The Department of Mechanical Engineering visited **Snehchhaya Parivar** at Dighi on 25th October, 2024. Faculties interacted with underprivileged students/kids of Snehchhaya Parivar and celebrated the Festival with them and offering Diwali gifts on the behalf of MMIT.



- Like every year, the Department of Mechanical Engineering organized the '**Khande Navami and Dasara Puja**' on 11th October, 2024 for all Laboratory Equipments, Stores, Workshops etc.



Acknowledgement

We, the Authors and Department of Mechanical Engineering would also like to express sincere gratitude to Shreyash Hendre, Rushikesh Jetendra Arote and Vaishnavi Vijay Lokhande, the Newsletter committee members, for exceptional dedication in completion of this Newsletter. All the members played a vital role in data collection and the drafting of this Newsletter. We truly appreciate their efforts.



Department of Mechanical Engineering

Impossible is for the unwilling.

Marathwada Mitra Mandal's Institute of Technology, Lohgaon Pune was established in 2008 and conducted the following Courses leading to Bachelor's Degree in Engineering 1.Computer Engineering 2. Mechatronics Engineering 3. Mechanical Engineering 4. Civil Engineering 5. Artificial Intelligence & Data Science Engineering 6 Robotics and Artificial Intelligence. All these courses are approved by All India Council for Technical Education, (AICTE) New Delhi, sanctioned by Govt. of Maharashtra and affiliated to Savitribai Phule Pune University.

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