

MECH-VEDHA

VOL NO. 02 | EVEN SEMESTER | 2024-25

MAGAZINE OF MAHAVIR POLYTECHNIC, NASHIK

★[मेक वेधा]★
(MECHANICAL DEPT)

**MAHAVIR POLYTECHNIC,
NASHIK**



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(H.O.D)

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Shree Mahavir Education Society's
Mahavir Polytechnic, Nashik
Mhasrul Varvandi Road, Nashik

We are proud to announce that



Mahavir Polytechnic, Nashik

is accredited by





**Dr. Sambhaji V. Sagare
(Principal)
Mahavir Polytechnic, Nashik**

Dear Mechanical Department Members,

I'm thrilled to announce the release of our departmental e-magazine, 'MECH-VEDHA'. It's a testament to our spirit of innovation and dedication. Despite challenges, we've excelled this year, thanks to your efforts from groundbreaking research to academic achievements, each of you has contributed immensely.

To our faculty your commitment to teaching and Mentorship is commendable. Students, your diligence and passion inspire us all. Let's uphold collaboration, integrity, and excellence as we continue this journey. Thanks to the editorial team for their hard work.

**Together, let's push boundaries and make a difference in mechanical engineering. I wish you
Best of Luck!**



Dr. Sambhaji V. Sagare
(HOD)
Mahavir Polytechnic, Nashik

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Mechanical Department Vision and Mission

Vision

“Mechanical Department strives to educate students to become Industry Ready Engineers having Professional Attitude and Groomed Personality.”

Mission

- **To provide well defined system to ensure quality education by strengthening teaching learning processes through innovative practices**
- **To provide a platform where students are exposed to the industry, up bridged with the industry standards and requirements.**
- **To train students by teaching them leadership and teamwork skills.**
- **To groom students enriching their personality and social values.**



ON FIELD VISIT EPIROC MINE TESTING TRUCK

On Field Visit at Epiroc Mine Testing Truck, Mahavir Education Societies Campus, Nashik for Second Year and Third Year Mechanical Engineering Students Resource Person Mr. Yogesh G. Shewale, Senior Testing Engineer in Epiroc Mining Ltd. Date : 07/01/2025 Under the Course of IHP (22655) ETM (22652) FMM (313309).



GUEST LECTURE ON PERSONALITY DEVELOPMENT

Department of Mechanical Engineering Organized Guest Lecture on Personality Development Resource Person Mr. Mukesh K. Sharma, Dy. General Manager in Jindal Saw Ltd., Nashik Date : 13/01/2025 Time : 10:30 - 12:30 pm.



TENSION-FREE HEALTH OF STUDENTS UNDER NSS UNIT

Mahavir Polytechnic's NSS Unit Organized Session on 'Tension-Free Health of Students' On the Occasion of 'International Day of the Fight Against Depression' at Seminar Hall Mahavir Polytechnic, Nashik Date : 13/01/2025 Time : 01:10 - 3:10 pm.



INDUSTRIAL VISIT

Industrial Visit at **Bhaveen Wheel Ltd. Satpur MIDC, Nashik** for Second Year and Third Year Mechanical Engineering Students **Resource Person Mr. Vaibhav Vadje, Service Advisor in Bhaveen Wheel Ltd.** Date : 17/01/2025 Under the Course of AEN (22656) ESS (314301).



EXPERT SESSION ON CAREER OPPORTUNITIES

Department of Mechanical Engineering Organized Guest Lecture on Guidance on Career Opportunities and Personality Development Resource Person **Mr. Vilas Tripathi, Manager, G-Tech Education Ltd., Mumbai-BHC** Date : 03/03/2025 Time : 11:30 - 12:30 pm.



Nashik, Maharashtra, India
3r9q+79j, Shree Mahavir Education Society Rd, Maharashtra 422207, India, Nashik, Maharashtra 422207, India
Lat 20.068381° Long 73.839063°
03/03/2025 12:04 PM GMT +05:30



EXPERT SESSION ON FIRE & SAFETY PROTOCOLS

Department of Mechanical Engineering Organized Expert Session on Fire and Safety Protocols Resource Person Mr. Amol K. Raundal, Valomol Engineers & A-One EHS, Nashik Date : 10/03/2025 Time : 01:10 - 03:10 pm.



PRIMARY MEDICAL FIRST AID TRAINING SESSION

Mahavir Polytechnic's NSS Unit Organized Session on 'Primary Medical First Aid Training Session' for Students at Seminar Hall Mahavir Polytechnic, Nashik Date : 10/03/2025 Time : 01:10 - 3:10 pm.

The primary objective of the **Primary Medical First Aid Training** program is to equip students and staff with essential knowledge and skills to provide immediate and effective first aid during medical emergencies. The training aims to enhance participant's confidence in handling common injuries, medical conditions, and emergencies until professional medical help arrives. This initiative will empower students and staff to respond swiftly and effectively in critical situations, thereby improving overall safety and preparedness within the institution.





INDUSTRIAL VISIT

Industrial Visit at **Virtuoso Optoelectronics Ltd., Janori Road Mohadi Dindori, Nashik** for Second Year and Third Year Mechanical Engineering Students Resource Person **Mr. Bharat Dhande, Quality Engineer in Virtuoso Optoelectronics Ltd.** Date : **11/01/2025** Under the Course of RAC (22660) PPR (314340).



POSTER MANIA & PAPER PRESENTATION COMPETITION

Department of Mechanical Engineering Student Association Organized **Poster Mania & Paper Presentation Competition** for all Mahavir Polytechnic's Students, Nashik
Date: 12/03/2025 Time: 10:30 am to 03:30 pm.

The primary objective of this competition was to provide a platform for students to express their ideas, research findings, and artistic skills. It aimed to foster a spirit of healthy competition while encouraging participants to delve deeper into their chosen fields of study.

Winners and Recognition : After rigorous evaluation and thoughtful deliberation, the winners were announced amidst much anticipation and applause. Prizes, certificates, and trophies were awarded to the deserving participants, acknowledging their hard work and dedication.

Best Poster : 1st Prize: Kartik Wagh (FYME). 2nd Prize: Aditi Gadekar (SYCO).

**Best Paper Presentation : 1st Prize: Dipesh Pramod Bhavsar (SYME)
2nd Prize: Tanmay Sachin Khairnar (FYME)
Anshu Pramod Pandit (FYME)**



The key is to make Social media work for you not against you.



Positive Effects
Social media helps people connect and share information quickly.

Negative effects
Excessive use can lead to stress, anxiety and low self-esteem.

How to Stop Social media use

1. Identify your Reason
2. Change your mindset
3. Set Screen Time Limits



MAKE YOUR OWN CHOICES

EDUCATION
is solution to
POVERTY





DAYS CELEBRATION BRINGS COLOR, TALENT, AND FUN TO MAHAVIR POLYTECHNIC!

Mahavir Polytechnic recently came alive with the Days Celebration, a festival brimming with enthusiasm, creativity, and youthful energy. Polytechnic students participated in a variety of themed days such as Traditional Day, Group Day, Mismatch Day, and Chocolate Day, filling the campus with a vibrant cultural atmosphere. The celebration also featured Rose Day, Saree Day, and Tie Day, allowing students to showcase their style and traditions. Adding to the excitement, students actively participated in a fashion show, cricket, athletics, and various art competitions. Their strategic skills were put to the test in carrom and chess competitions, while the Master Chef Competition highlighted their culinary talents. The Funfair Competition brought an extra dose of fun as students set up creative stalls and games. Dressed in stunning traditional attire such as dhoti kurta, nauvari saree, and feta, students embraced their cultural heritage. Faculty members also joined in, making the event even more memorable. Organized by the Cultural Committee of Mahavir Polytechnic, the event aimed at nurturing students' talents and creativity. Dr. Priyanka Zavar, Director of Shri Mahavir Education Society, expressed that such celebrations play a vital role in the overall development of students by offering them a platform to express their skills. With an electrifying atmosphere, lively competitions, and active participation, Days Celebrations became an unforgettable experience for all at Mahavir Polytechnic.



DAYS CELEBRATION..!



THE GLIMPSES OF 'DAYS CELEBRATION' AT MAHAVIR POLYTECHNIC

A Cultural festival dedicated to the youthful energy and enthusiasm of its students.



DAYS CELEBRATION...!



THIRD YEAR MECHANICAL STUDENTS SHINE AT MSBTE PROJECT COMPETITION IN LATUR

The Third Year Mechanical Students of Mahavir Polytechnic showcased their technical brilliance by participating in the Project Competition organized by the Maharashtra State Board of Technical Education (MSBTE) at Latur. The students presented their innovative project, an electric bicycle, which was highly appreciated for its creativity and technical efficiency. The participating students, Tejas Dhole, Roshan Pawar, Darshan Bodke, and Navin Sharma, demonstrated exceptional teamwork and dedication throughout the project.



FAREWELL CEREMONY FOR FINAL YEAR DIPLOMA STUDENTS HELD AT MAHAVIR POLYTECHNIC



MECHANICAL DEPARTMENT STUDENTS SHINE IN
MSBTE SUMMER 2025 EXAM



श्री महावीर एज्युकेशन सोसायटी संचलित,
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Grand Success In MSBTE Summer 2025 Exam
Second Year Mechanical Engineering Toppers



Rushikesh Kirtane
(75.00%)



Shubham Jadhav
(72.00%)



Prasad Shimpi
(71.22%)



V. Ghadigaonkar
(71.22%)



श्री महावीर एज्युकेशन सोसायटी संचलित,
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Grand Success In MSBTE Summer 2025 Exam
Third Year Mechanical Engineering Toppers



Tejas Argade
(80.56%)



Prathamesh Adhav
(78.56%)



Puneet Sharma
(72.26%)