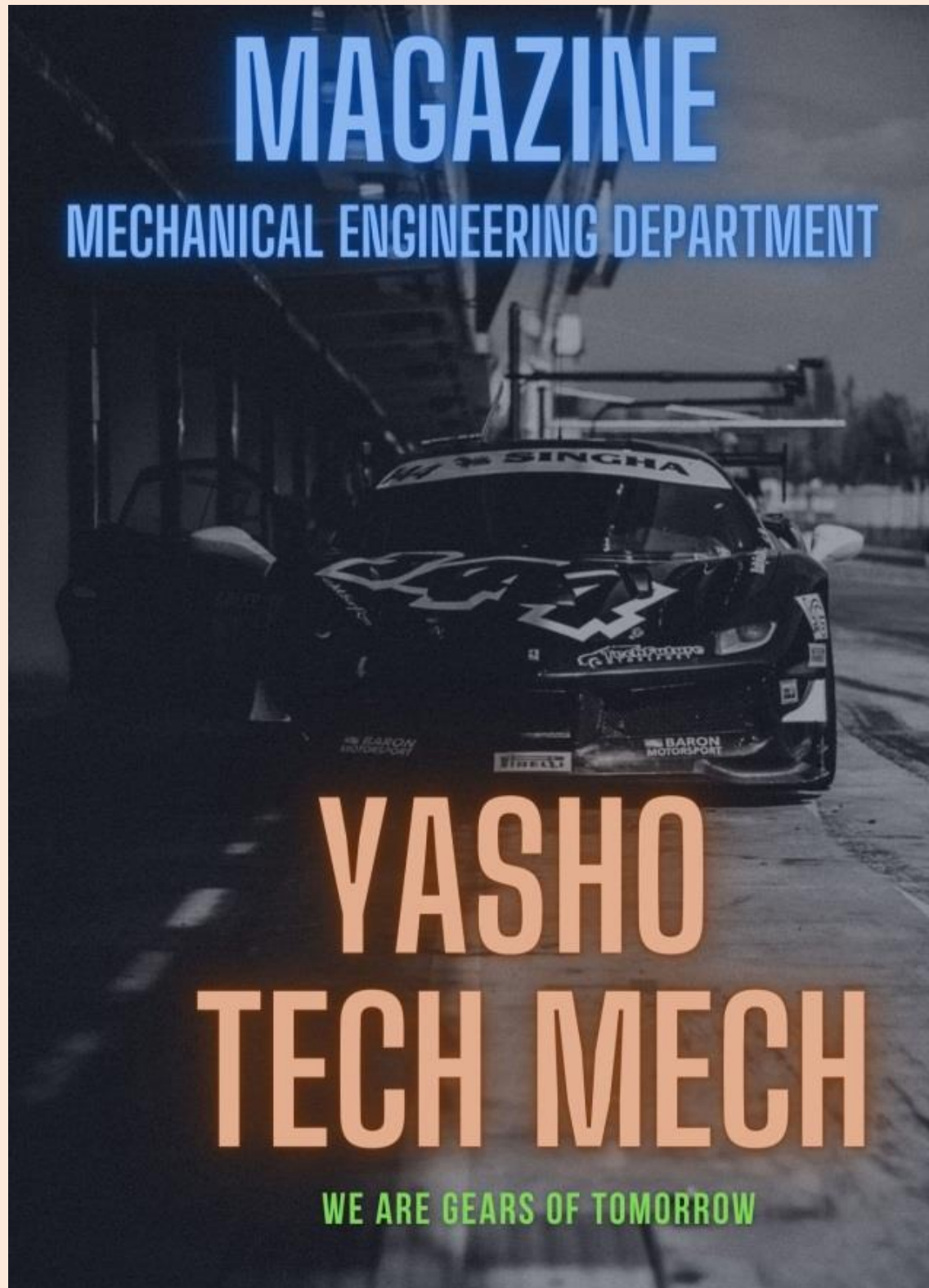




YSPM's Yashoda Technical Campus, Satara
Mechanical Engineering Department
YASHO TECH MECH

Odd Semester

2024-25



Department of Mechanical Engineering



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YASHO TECH MECH

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Vision of the Department

To be identified as a department with excellence in academics by synergism of teaching-learning, skill development and research.

Mission of the Department

M1: To develop state of the art facilities to stimulate faculty, staff and students to create, analyze, apply and disseminate knowledge.

M2: To hone employability and entrepreneurship skills of the students through industry-institute interaction.

M3: To create an environment for the students to excel in mechanical engineering field, engage in research and development activity and participate in professional activities.

M4: To develop an ability to use techniques, skills, modern software and machine tools necessary in the practice of



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Contents:

1. ISHRAE Industrial Visit
2. Avishkar 2025 Meeting of DBATU
3. Industrial Visit to ST Divisional Workshop, Satara
4. Guest Lecture for Degree Mechanical Students
5. Expert Lecture on EV and Hydrogen Vehicles
6. Institute Level Avishkar 2024
7. Zonal Level Avishkar 2024
8. Paper Presentation at NMD ATM 2024, Bengaluru
9. Visit to COEP Technological University, Pune

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Prof. S. K. Raut, Assistant Professor in Mechanical Engineering and ISHRAE Coordinator visited Copland-Karad, Copland- Atit & Ajinkya Sales and Services Satara along with other members of ISHRAE Kolhapur Chapter to understand

ISHRAE Industrial Visit

Dr. T. R. Shinde, Associate Professor and Head of the Department of Mechanical Engineering and Institute Avishkar Coordinator attended Avishkar 2025 meeting at Chh. Sambhajinagar on September 13th and 14th as a part of Annual meeting of Avishkar Coordinators to decide Zonal and University



Avishkar 2025 Meeting of DBATU



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An industrial visit of TY Mechanical students was conducted in State Transport Divisional Workshop Satara as a part Third Year B. Tech. Mechanical Automobile Engineering course to understand the working of automobile engines and its different component. This visit was coordinated by Prof. M. L. Rathod.

Industrial Visit to ST Divisional Workshop, Satara

An online guest lecture on SRPG UG 2024-25 & HVAC&R Hackathon was carried out for SY, TY and Final Year Mechanical students under YTC-ISHRAE student chapter by Prof. Avesh Husseny, President Elect-ISHRAE Kolhapur Chapter on September 11th 2024. Prof. Husseny introduced our students regarding different activities carried out by ISHRAE for students. This lecture was coordinated by Prof. S. K. Raut.



Guest Lecture for Degree Mechanical Students

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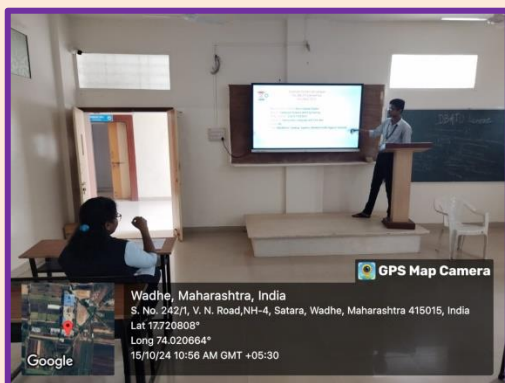
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Expert Lecture on EV and Hydrogen Vehicles



Mr. Prashant Vaidya, EV Expert from Pune, delivered an expert lecture on Electric Vehicles and Hydrogen Vehicles for Mechanical students.



Institute Level Avishkar 2024

Dr. T. R. Shinde, Associate Professor and Head of the Department of Mechanical Engineering and Institute Avishkar Coordinator coordinated Institute Level Avishkar 2024 along with department coordinators. **Students from Mechanical Department Mr. Uday Mane (M.Tech.) Mr. Mahesh Sathe (M.Tech.), Mr. Siddharth Ruat (B.Tech.), Ms. Prerna Mane (SY) participated were shortlisted for Zonal Round of Avishkar 2024.**

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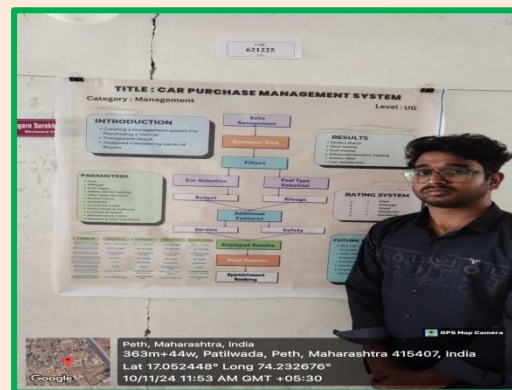
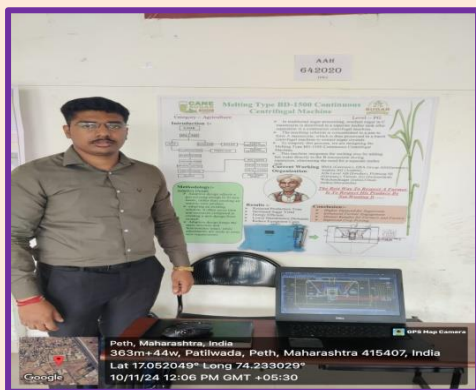
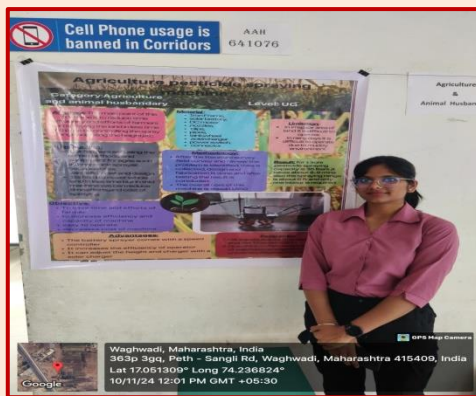
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Zonal Level Avshkar 2024



Mr. Uday Mane (M.Tech.) Mr. Mahesh Sathe (M.Tech.), Mr. Siddharth Ruat (B.Tech.), Ms. Prerna Mane (SY) participated in Zonal Round of Avishkar 2024 held at Nansaheb Mahadik COE, Peth, Dist. Sangli.

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Paper Presentation at NMD ATM 2024, Bengaluru

Dr. Tarang R. Shinde, Associate Professor and Head of the Department of Mechanical Engineering, Faculty of Engineering presented a paper titled “**Influence of microstructure on fatigue life of cryogenically treated AISI H13 steel**” in Structure Property Correlation Section in an **International Symposium on Transformational Technologies in Materials and Manufacturing**, at **GKVK, Bengaluru** from November 20th to November 23rd, 2024 titled as **NMD-ATM 2024**, organized by the **Indian Institute of Metals (IIM)** in association of **Ministry of Steel, Government of India**.



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Visit to COEP Technological University, Pune

A team of three faculty members led by **Dr. Vikram S. Patil, Principal, Faculty of Engineering, Yashoda Technical Campus, Satara**, visited COEP Technological University in order to understand the framing of the Research and Development policy for Yashoda Technical Campus on **November 12th 2024**. **Dr. T. R. Shinde, and Dr. Smita Patil** were the other two members. The team had a detailed discussion on the policy framework with **Dr. N. B. Dhokey, Professor, Department of Metallurgy & Materials Science and Director, Innovation, Incubation and Research at COEP Technological University, Pune**.



-----The End-----

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