

Dr. Vithalrao Vikhe Patil College of Engineering, Ahilyanagar
Department of Mechanical Engineering
CURRICULAR AND COCURRICULAR ACTIVITIES

Academic Year 2024-2025
Semester I

Technical activities

- [Expert Lecture on Communication Skill and Personality Development on 25/07/2024](#)

Prof. Dr. Rajendrasingh Pardeshi gave the introductory speech of Communication Skill and Personality Development and started delivering the introduction to Multidisciplinary Communication Skill. After introduction to Communication Skill, sir has explained about Personality Development in day to day life and corporate life which refers to a company's strategy to reduce negative environmental Communication Skill impact resulting from their operations in a particular market. He also talked on various aspects of Personality development. Which is required for interviews, company culture and organization.



- [Workshop on Latest Advancements in Piping Design Engineering Construction on 20/08/2024](#)

For mechanical engineering students, understanding the latest advancements in piping design and construction is crucial for staying current in the field. Here's a summary of the most recent developments: 1. Digital Twin Technology, 2. Advanced Materials 3. AI and Machine Learning: 4. 3D Modeling and BIM, 5. Robotics and Automation, 6. Sustainable Practices, 7. Smart Piping Systems, 8. Emerging Software and Tools, 9. Industry Standards and Regulations. By familiarizing themselves with these advancements, mechanical engineering students can better prepare for the evolving demands of the piping design and construction industry. These technologies

and practices will be integral to their future careers, enhancing their ability to design and manage efficient, reliable, and sustainable piping systems.



• **ONE DAY WORKSHOP ON “ELECTRIC VEHICLE TECHNOLOGY & CAREER OPPORTUNITIES on 28/09/2024**

The one-day workshop on Electric Vehicle (EV) Technology & Career Opportunities is designed to introduce participants to the rapidly advancing field of electric vehicles. It will cover the core concepts of EV technology, including the components and mechanisms that power electric vehicles. Participants will gain insight into the environmental and economic benefits of EVs and explore the latest innovations in battery technology, charging infrastructure, and energy management systems. In addition to the technical side, the workshop will highlight career opportunities in the electric vehicle industry, an area seeing significant growth. Attendees will learn about the various roles available, the skills required, and how they can shape their careers in this exciting sector. Whether you're a student, professional, or enthusiast, this workshop will equip you with valuable knowledge about both the technology and career paths within the electric vehicle industry.



- [International Conference on Advances in Energy and Environmental Engineering \(ICAEEE 2024\)](#)

The Fourth **International Conference on Advances in Materials Studies 2024** was hosted by Department of Mechanical Engineering, Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, Maharashtra, India (affiliated to Savitribai Phule Pune University, Pune) on 17 - 18 December 2024 in association with the Technology Research and Innovation Centre, India and Academy of Nanotechnology and Waste Water Innovations, South Africa. ICAMS 2024 provides a platform for various worldwide researchers, scientists and academicians working in different fields of materials science and engineering to present their research through oral presentation. From various countries candidates were participated in this renowned conference and 54 papers were presented by them.

- [Fourth International Conference on Advances in Materials Studies \(ICAMS 2024\)](#)

The First **International Conference on Advances in Energy and Environmental Engineering** is hosted by Department of Mechanical Engineering, Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, Maharashtra, India (affiliated to Savitribai Phule Pune University, Pune) on 17 - 18 December 2024 in association with Technology Research and Innovation Centre, India. ICAEEE 2024 provides a platform for various worldwide researchers, scientists and academicians working in the different fields of engineering to show their research through paper presentation. From various countries candidates were participated in this renowned conference and 87 papers were presented by them.

The image shows a composite graphic for two conferences. On the left is a banner for the 4th ICAMS 2024 conference, titled 'Fourth International Conference on Advances in Materials Studies 2024', held in a hybrid mode from Dec 17-18, 2024. On the right is a 'KEYNOTE SPEAKERS' list for the 'International Conference on Advances in Energy and Environmental Engineering 2024', also held in a hybrid mode from Dec 17-18, 2024. The speakers listed are Prof. David Wood, Prof. Veera Ganeswar Gude, Prof. Soteris Kalogirou, and Prof. Sushil Kumar Kansal, each with their respective titles and affiliations.

KEYNOTE SPEAKERS	
	Prof. David Wood Professor of Renewable Energy (retired), University of Calgary, Canada
	Prof. Veera Ganeswar Gude Professor of Energy and the Environment Director of Purdue University Northwest Water Institute, Indiana, USA
	Prof. Soteris Kalogirou Professor at Dept of Mechanical Engg and Materials Sciences and Engg of the Cyprus University of Technology, Limassol, Cyprus
	Prof. Sushil Kumar Kansal Professor at Dr. S S Bhatnagar University Institute of Chemical Engg & Technology, Panjab University, Chandigarh, India

--	--

Extra-Curricular activities

- [Quiz on Internal Combustion Engine on occasion of celebrating National Thermal Engineer's Day on 24/07/2024](#)
- [Teachers Day Celebration on 10/09/2024](#)



- [MESA Indoor Sport conducted on 14/09/2024](#)



Students Achievements:

- **Winners of MESA Indoor sports**

Winner

CHESS		
	Boys	Girls
Winner	Gaurav Lathe (S.E.)	Vaishnavi Shewale (S.E.)
Runner-up	Yuvraj Kotkar (T.E.)	Shraddha Bamhne (T.E.)
CARROM		
	Boys	Girls
Winner	Gaurav Lathe (S.E.)	Sakshi Gavhane (S.E.)
Runner-up	Abhishek Garud (T.E.)	Supriya Chaudhary (S.E.)
BADMINTON		
	Boys	Girls
Winner	Shaul Mahankale (S.E.)	Shreya Kadu (S.E.)
Runner-up	Satvik Shinde (S.E.)	Shraddha Bamhne (T.E.)

DODGE BALL

- | | |
|-------------------------------|------------------------------|
| 1. Prathamesh Sonawane | 5. Vaibhav Adhav |
| 2. Moin Shaikh | 6. Niranjan Zirpe |
| 3. Rohit Barbade | 7. Nikhil Andhale |
| 4. Rohit Belhekar | 8. Shrikrushna Pokale |

Semester II

Technical activities

STTP on MATLAB & Simulink from 08/04/2025 to 12/04/2025

STTP on “MATLAB & Simulink” held on 8th April to 9th April 2025 by Mr. Harsh Murthy, Customer Success Specialist - MathWorks India and **Rohit Pawar**, Jr. Application Engineer - MathWorks, Design Tech Systems Pvt. Ltd. This workshop outlines the key topics to be covered, including programming, simulation, physical modeling, and hardware integration.



Extra-Curricular activities

- Kite festival is arranged on 17/01/2025



• MESA Outdoor Sport conducted on 31/01/2025 and 01/02/2025



• Send off function of B.E.Mechanical Engg. Held in May 2025



Students Achievements:

- Winners of MESA Outdoor sports

Winner

CRICKET		
Winner	Runner-up	Awards
<u>Team- Royal 11</u> 1. Aditya Kothawale (C) 2. Adit Supekar 3. Chaitanya Damale 4. Prem Joshi 5. Rohan Ravindra Pandit 6. Rushi Korde 7. Sarthak Sunil Chaudhari 8. Shaul Mhankal 9. Shubham Hadule 10. Vishal Dhakane 11. Vedant Karale	<u>Team- Mech Titans</u> 1. Vaibhav Adhav (C) 2. Adil Sayyad 3. Akash Chhapule 4. Moin Shaikh 5. Niranjn Zirpe 6. Prathamesh Sonawane 7. Rohit Barbade 8. Rohit Belhekar 9. Rushikesh Kshirsagar 10. Shrikrishna Pokale 11. Uday Autade	1. Best Batsman - Kishor Chavhan (SE) 2. Best Bowler - Vaibhav Adhav (TE) 3. Best Fielder - Uday Autade (TE) 4. Best all rounder - Vishal Dhakane (SE)

KHO - KHO		
Winner	Runner-up	Awards
<u>TE Mechanical</u> 1. Shrikrishna Pokale 2. Uday Autade 3. Moin Shaikh 4. Akash Chapule 5. Adhav Vaibhav 6. Niranjn Zirpe 7. Prathamesh Sonawane 8. Rohit Barbade 9. Rohit Belhekar 10. Rushikesh Kshirsagar	<u>SE Mechanical</u> 1. Sarthak Sase 2. Abhishek Nagude 3. Kushal Bhosale 4. Rohan Pandit 5. Om Pathak 6. Vedant Karale 7. Satvik Shinde 8. Aditya Kothavle 9. Rushi Korde	1. Best Chaser - Aditya Kothavle (SE) 2. Best Runner - Shrikrishna Pokale (TE)