Mechanical Engineering Department

MECHANICAL ENGINEERING STUDENTS' ASSOCIATION

M.E.S.A

Activity Report 2024-25

Modern Education Society's

WADIA COLLEGE OF ENGINEERING, PUNE-01

MECHANICAL ENGINEERING STUDENTS ASSOCIATION (MESA)

MESA is MESCOE Mechanical Student Association. The MESA was formed to bring about the technical development of students by organizing seminars, workshops and other activities and also to improve non-technical abilities of students by engendering good communication skills, managerial abilities, presentation skills and team work.

Objectives

- To Promote the interaction between academia and industry by organizing industrial visits, special lectures and facilitate in industrial training

- Promoting the interests of students in various technical areas pertaining to mechanical engineering

- To encourage students of the mechanical Engineering department to develop their personal skills, like event management & time management by organizing inter & inter Collegiate Events

- To bring about the technical development of students by organizing seminars, workshops and other activities.

Outcomes:

The students will be able to

- Develop their technical and non-technical competitive skill

- Develop their communication skills, managerial abilities, presentation skills and team work.

- Put forth their ideas

Role of the Faulty Coordinator:

- The faculty coordinator will be responsible for team selection.

- Faculty coordinator have all rights to terminate any non performing member in the committee.

- All purchases for event conduction must be processed through faculty coordinator.

- All events should be conducted under the guidance of respective coordinator as well as respective event coordinators.

Team Selection Policy:

- Academic result is considered for the post of President and Vice-President

- All interested students for committee members are called for interview.

- The interview is conducted by faculty coordinator, Senior faculties and President in Semester II and charge is handed over to new President and committee members

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MESA Committee member 2024-25

MESA Faculty Advisor- Prof. H. S. Salave

President	Shreyas Khot
Vice President	Pranav Manjare
Secretary	Satyam Erande
Treasurer	Aniket Kamble
Event Head	Pradyumna Daad Ritesh Koli Abhijeet Khadke
Event Coordinator	Om Jagtap Shubham Jadhav Jayvardhan Dengale Aryan Hande Satish Kadam
Documentation Head	Uddhav Harkulkar
Documentation Coordinator	Prajyot Kulkarni Shreya Gite Mahima Kondeti
Social Media Head	Kartik Ghogare Swaroop Dalvi
Publicity Head	Aryan Ashtekar Prajwal Danekar Chaitanya Kanawade
Publicity Coordinator	Smrity Malik Om Kadam Mahesh Patil Tejas Sanas
Ladies Representative	Amrita Ladkat Akshada Bhujbal Sonali Waghmare
Decoration Team	Vinayak Bhosale Hari Chilgar Omkar Kutal Shreyas Desai Tanuja Nimse Srushti Misal

PHOENIX 2K24-25

Technical Event

Day and Date:- Monday & Tuesday, 3rd to 4th Feb. 2025

Venue: Mechanical Workshop

About PHOENIX-2k25

The **Mechanical Engineering Students' Association (MESA)** continues its tradition of nurturing the overall development of students through exciting and enriching experiences. This year, MESA proudly presents **Phoenix-2K25**, a highly anticipated **inter-college technical fest**, scheduled to take place on **3rd and 4th February 2025**. Phoenix-2K25 will feature a variety of innovative and competitive technical events such as:

- **Junkyard War**
- **GPT War**

To kickstart the excitement, **registration and campaigning began on 24th January 2025**. The entire MESA team is abuzz with energy and enthusiasm, working diligently to encourage student participation across colleges and making Phoenix-2K25 a grand success.

As this is an inter-college event, all efforts are being made to showcase MESA's capabilities in **publicity, marketing, and event management**—solidifying their position as one of the most dynamic student organizations.

Organizing Team: - **Prof. H. S. Salave and MESA team members**.

Staff Committee Members of PHOENIX-2k24-25

Sr. No.	Event	Staff In-charge	Judges for Event
1.	Junkyard War	Prof. A. A. Chougule	1. Prof. H. S. Salave 2. Mr. A.A. Shaikh 3. Mr. D.R. Salunke
2.	GPT War	Prof. R. N. Yerrawar	1. Prof. H. S. Salave

Inauguration of PHOENIX-2k24-25

The grand inauguration of **PHOENIX-2k24-25** took place on the 3rd of February, 2025 at 10:00 AM in the Mechanical Engineering Workshop, Department of Mechanical Engineering. The event was graced by the auspicious presence of **Dr. M. P. Dale** (Principal**), Dr. V. N. Raibhole** (Head, Department of Mechanical Engineering**), Prof. H. S.** Salave (Faculty Advisor, MESA) **and Dr. D. S. Adkar** (Head, First Year Engineering Department), who collectively inaugurated the event. Distinguished guests present on the occasion included **Dr. N. Z. Shaikh** (HoD, Computer Engineering**), Dr. P. P. Mane** (HoD, Electronics & Telecommunication Engineering), **Dr. A. C. Mitra, Dr. Ajit Sonawane**. The event witnessed enthusiastic participation and support from all teaching and non-teaching staff members of the institute.

Inagurated by Dr. M.P. Dale (Principal) , Dr. V . N. Raibhole (HOD, Mechanical), Prof. H. S. Salave (MESA, Coordinator)

Deep Prajwalan and Saraswati Pujan

By Dr. M. P. Dale (Principal MESWCOE)

By Dr. V. N. Raibhole (HoD, Mechanical Department)

By Prof. H. S. Salave (MESA, Coordinator)

Faculty Members and MESA Team

MESA Coordinator with MESA Students

1. JUNKYARD WAR

As part of the PHOENIX-2k24-25 celebrations, *The Junkyard War* — a unique and imaginative competition organized by the **Mechanical Engineering Students' Association (MESA)** of **Wadia College of Engineering** — was held on **3rd February 2025**, from **12:00 PM to 3:00 PM** in the college workshop.

Based on the innovative theme **"Wealth of Waste"**, the event challenged participants to craft functional and creative models using only waste materials. A total of **12 teams**, each comprising **2 to 4 members**, enthusiastically took part in the competition.

Participants were evaluated on various parameters including:

- Dimensioning
- Aesthetics
- Effective material utilization
- Time management
- Mechanism design

These criteria were designed to test the teams' **creativity**, **resourcefulness**, and **technical expertise**. The event was inaugurated by our respected Principal **Dr. M. P. Dale**, **Dr. V. N. Raibhole** (Head, Department of Mechanical Engineering), **Prof. H. S. Salave** (MESA Coordinator), and the **Mechanical Engineering faculty members**. Their inspiring presence and words of encouragement boosted the morale of the participants and reinforced the importance of sustainability and innovation in engineering.

 Inaugural Speech :

The event began with a warm inaugural speech by the principal and the HOD, followed by an engaging talk by students Mahima Kondeti and Shreya Gite, who spoke about upcoming events and inspired their peers to continue pursuing creative and innovative endeavors in the future.

Rules:

- The challenge was to create the best out of waste.
- Participants were given 2 hours to complete their projects.
- The judging panel consisted of Dr. Salunke, Vinod Sakhare, & A.A. Shaikh from the Mechanical Department.
- Winners were decided based on the functionality and productivity of their models.

Event Highlights :

- The event brought together a diverse group of students, each contributing to building functional models out of waste materials, showing the potential of upcycling.
- The focus on practical and sustainable solutions in the field of engineering was well-reflected in the designs, demonstrating the students' commitment to environmental responsibility.
- The event fostered a spirit of teamwork, with teams working efficiently under time constraints and with limited resources.

Raw Materials Provided by MESA Team:

- Water bottles
- Ice-cream sticks
- Cardboard
- Paper cups
- Straws
- Chart paper
- Strings

Total No. of Participants or team is 22

Sr No.	Group No.	Participants Name	Class	College
1	1	Satyam Erande	BE Mech	MESWCOE
2		Pranav Manjare		
3		Ritesh Koli		
4	2	Shreyas More	SE A&R	MESWCOE
5		Priya Patil		
6		Aman Pathak		
7	3	Rohit Patne	SE Comp	MESWCOE
8		Shreyas Dhumal		
9	4	Rahul Kumar	SE A&R	MESWCOE
10		Sahil Chaudhari		
11		Sahil Chabriya		
12	5	Prajyot Kulkarni	SE Mech	MESWCOE
13	6	Mahima Kondeti	SE Mech	MESWCOE
14		Shreya Gite		
15	7	Moinuddin Shaikh	Diploma	Cusrow Wadia
16	8	Chaitanya Kanawade	BE Mech	MESWCOE
17		Sonali Waghmare		

18		Uddhav Harkulkar		
19		Swaroop Dalvi		
20		Satyam Kaithwas		
21	9	Toushubh	BE Mech	MESWCOE
22		Suprit		
23		Abhijeet Khadke		
24	10	Akshada Bhujbal	BE Mech	MESWCOE
25		Pradyumna Daad		
26		Om Kadam		
27		Om Jagtap		
28	11	Tanuja Nimse	SE Mech	MESWCOE
29		Shrusti Misal		
30		Yahswardhan Shinde		
31	12	Bhavesh Mistari	FE Mech 2	MESWCOE
32		Shounak Pise		

- **Wining Criteria**

Marks are given on the basis of –

- Strength
- Mechanism
- Creativity
- Aesthetic

Results:

The event concluded with the announcement of the winners and runner- ups.

Winners	Yahswardhan Shinde	FE Mech 2
	Bhavesh Mistari	
	Shounak Pise	
Runner Up	Om Kadam	SE Mech
	Om Jagtap	
	Tanuja Nimse	
	Shrusti Misal	

Both the winners and runner-ups received cash prizes and certificates of appreciation for their exceptional creativity and problem-solving skills. All participants were also awarded participation certificates in recognition of their involvement.

Proof:

Conclusion:

The Junkyard War proved to be an engaging and thought-provoking event, providing a dynamic platform for students to showcase their creativity, engineering acumen, and sustainable thinking. By transforming discarded materials into innovative working models, participants not only explored practical applications of classroom knowledge but also highlighted the potential of recycling and upcycling.

The event successfully blended fun with learning, fostering an environment where students could express bold ideas through hands-on experimentation. All participating teams exhibited outstanding teamwork, problem-solving capabilities, and a spirit of healthy competition, making the event both educational and inspiring.

2. <u>GPT WAR</u>

The GPT WAR event was conducted on 4th February 2025 at 12:00 PM in the 107 CAD/CAM Lab. The event aimed to test participants' efficiency in using AI-based platforms to solve a set of challenging questions. AI tools such as ChatGPT , GeminiAI, and Blackbox were used by the participants to find the most accurate responses.

Event Structure and Rules
The event was conducted as an **individual competition**, meaning that each participant had to work independently without any external assistance.

Setup & Preparation:
• A **10-minute setup period** was provided before the competition began.
• Participants used this time to **log in to their devices, ensure stable internet connectivity, and get familiar with the AI tools**.

Competition Format:
20 questions were given to each participant.
The time limit to solve them was **30 minutes**.
•The challenge was to answer **as many questions as possible accurately within the time limit**.

Allowed & Restricted Tools:
•**Allowed Tools:** Only **ChatGPT, Gemini AI, and Blackbox** could be used.
•**Restricted Tools:** Participants were **strictly prohibited** from using Google or any other search engines/websites.

Submission & Results:
•Participants had to **inform the event coordinators once they completed the test**.
•**No responses were accepted after the time ended**.
•The results were announced **one hour after the competition** by the committee members.

Winning Criteria
The winner was determined based on the following factors:
Highest accuracy: The participant with the most correct answers.
Fastest completion time: If multiple participants had the same number of correct answers, the one who submitted their answers first was declared the winner.

Participant Conduct & Rules

• Each participant was assigned a **unique participant number** before the quiz.

• **Use of mobile phones and earphones was strictly prohibited**.

• Any participant **caught violating the rules** was subject to **immediate disqualification**.

- • Participants had to **ensure their own internet and device stability**—technical issues were **not considered** for extra time.

Rewards & Recognition

- • **Winner:** Awarded a **cash prize and a certificate of appreciation**.
- • **All Participants:** Received **participation certificates** for their efforts

Event Summary

The GPT War was an engaging and competitive event that tested participants on their ability to use AI tools efficiently under time constraints. Conducted on 4th February at 12:00 PM, the event saw the participation of six students who competed individually to answer 20 diverse questions using ChatGPT, Gemini AI, and Blackbox.

The competition was intense, with all participants striving to answer as many questions accurately as possible within the 30-minute time limit.

- • **Total No. of Participants or team is 22**

Sr. No.	Name of Contestant	Class
1.	Shifa Munshi	SE MECH 1
2.	Mahima Kondeti	SE MECH 1
3.	Laxman Patil	SE MECH 1
4.	Mohd. Ali Khan	SE MECH 1
5.	Om Jagtap	BE MECH 2
6.	Om Kadam	SE MECH 1

Event Winner and Runner-up:

Winner	Mahima Kondeti	SE Mech 1

Proof:

Conclusion:

The GPT WAR event was a unique and engaging competition that highlighted the growing significance of Artificial Intelligence in solving real-world queries. Participants demonstrated great enthusiasm and skill in leveraging AI tools, making the event both competitive and informative. The event was well-organized and received positive feedback from all attendees, setting a benchmark for future AI-based competitions.

Prize Distribution Ceremony:

"PHOENIX" is regular activity organized by MESA of Department of Mechanical Engineering of M.E.S. College of Engineering Pune every year to nurture the overall development of students. Under PHOENIX-2K24-25 various technical and non-technical events are scheduled during 3rd-4th Feb. 2025 such as Junkyard War, GPT War, etc. **PHOENIX-2k24-25** was inaugurated on the first day of event 3rd Feb 2025 at 10:00 am in Department of Mechanical Engineering workshop.The conclusion of **PHOENIX-2k24-25** was scheduled on 4th Feb 2025 with distribution of prizes and certificates to winning and runner teams. More than 400 students from various colleges affiliated to Savitribai Phule Pune University were participated.

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Farewell Program-2025

Day and Date: - Monday, 9th June 2025

Venue: Seminar Hall-514

About Program:

The Mechanical Engineering Students' Association (MESA), in collaboration with the Department of Mechanical Engineering, proudly organized a heartfelt Farewell Program to honor the B.E. Mechanical Engineering students of the 2025 batch.

The primary aim of the event was to celebrate the academic journey, personal growth, and notable achievements of the outgoing students. It provided a warm and nostalgic platform for students to share cherished memories, express gratitude, and showcase their talents, while bidding an emotional farewell to their peers, mentors, and the institution that shaped their professional foundation.

The event was marked by touching speeches, cultural performances, and moments of reflection, creating a memorable milestone in the lives of the graduates. The department acknowledged their valuable contributions over the years and extended best wishes for their future endeavors and successful careers ahead.

The Farewell Program not only commemorated the students' accomplishments but also reinforced the strong bond between alumni and the institution, promising a lasting connection beyond the classroom.

Inauguration

The inauguration of the Farewell Program began with the traditional **Deep Prajwalan** and **Saraswati Pujan**, performed by **Dr. M. P. Dale** (Principal), **Dr. V. N. Raibhole** (Head of Department), **Prof. H. S. Salave** (MESA Coordinator), and a student representative. This auspicious beginning set a graceful and reverent tone for the proceedings.

Following the lamp-lighting ceremony, **Prof. H. S. Salave** opened the program with a heartfelt speech. He reflected on the students' four-year journey, shared memorable experiences, and offered words of guidance and encouragement. He concluded by extending his best wishes to the graduating batch for their future endeavors.

Afterward, **Dr. V. S. Sonawane** recited a touching poem dedicated to the students, expressing his emotions and conveying heartfelt wishes for their future success. His poetic tribute added a deeply personal and emotional touch to the event.

Subsequently, **Dr. V. N. Raibhole** (Head of Department) and **Dr. M. P. Dale** (Principal) addressed the students. Both dignitaries shared their experiences, appreciated the contributions and achievements of the outgoing students, and provided valuable insights to guide them in their professional and personal journeys ahead. Their speeches were filled with warmth, motivation, and optimism, leaving the students inspired and hopeful for a bright and successful future.

The program concluded with group photos, followed by snacks and refreshments shared among all students and staff members, fostering camaraderie and memorable moments to cherish.

Group Photo
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