




	Pimpri Chinchwad Education Trust's Pimpri Chinchwad College of Engineering & Research, Ravet, Pune - 412101 IQAC, PCCOER	
AY: 2024-25	MESA – Office Bearers	Record No: SACC/R/01



Mechanical Engineering Students Association
Office Bearers



			
President Aaradhya Minajgi	Deputy President Viraj Chature	Vice President Vedashri Bhadule	
			
Secretary Pratyush Bhalerao	Joint- secretary Mukesh Choudhary	Treasurer Ameya Babar	Vice- treasurer Aditya Supekar

Team Leaders

			
Management Head Vaasanthi Dwara	Technical Head Akanksha Lande	Designing Head Sujal Fiske	Marketing Head Shkhar Jagtap

Members

			
Marketing Team Harshal Waman	Marketing Team Shkhar Jagtap	Event Management Team Aniket Pawne	Event Management Team Aryan Suryawanshi

	Pimpri Chinchwad Education Trust's Pimpri Chinchwad College of Engineering & Research IQAC PCCOER	
AY: 2024-25	Student Development & Welfare Cell Mechanical Engineering Students Association Activity Report (Summary)	SACC/R/07

Event Name: Teacher's Day

Event Date: 05/09/2024

Event Venue: Class Room - 116

Event Time: 1:30 pm

Event Type: Non-Technical

No of Participant:

Faculty Coordinator: Prof Sanjay M Narayankar

Students Representation:

1. Mr. Aaradhya (President, MESA)
2. Ms. Vedashri (Vice President, MESA)

Event Management:

1. Ms. Vasanthi
2. Ms. Akanksha Lande

About Event:

1. Objective of Event: Teachers' Day is celebrated to highlight the importance of teachers in our lives and recognize their contribution to the society with novel professions.

2. Program Schedule in Detail: (add program timewise schedule)

Program Schedule:

Sr. No.	Time Slot	Program	Responsibility (Name of Students)
1.	1:30 to 1:35	Sarswati Vandana and Workship	MESA President
2.	1:35 to 1:45	Welcoming to all Teachers and Appreciation	MESA Vice President
3.	1:45 to 2:00	Speech by Mesa President and Students	MESA Vice president
4.	2:00 to 2:20	Speech by Teachers	MESA Dy. President

5.	2:20 to 3:00	Cultural Program	Event Management Team
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3. Event Details with Photographs:

The Mechanical Engineering Student Association (MESA) of Pimpri Chinchwad College of Engineering and Research celebrated Teacher's Day on 5th September 2024, Thursday, in Room No. 116, which is the second-year classroom. The event was attended by our esteemed HOD Mr. Gulab Shiraskar Sir and Prof. Ramesh Rathod Sir, who graced the occasion with their presence.

The program commenced with the recitation of the Saraswati Mantra, followed by a lamp-lighting ceremony performed by HOD. Mr. Gulab Shiraskar Sir and Prof. Ramesh Rathod Sir. Both professors were then felicitated by the organizing committee, and they shared inspiring words of motivation with the students, highlighting the importance of education and the role of teachers in shaping futures.



Following Aaradhya Minajgi, the President of MESA, delivered a speech on the significance of Teacher's Day. Further motivational speeches were given by other faculty members, including Prof. Ganesh Fodase Sir and Prof. Achyut Khare Sir, who encouraged the students to strive for excellence.

The event was skillfully anchored by Viraj Chature. As part of the celebration, students participated in performances—Jay Pagare played the guitar, and Nimish sang a melodious song that enthralled the audience.



Towards the end of the program, a group photo was taken to commemorate the event. MESA also presented gifts to all the mechanical department faculty members, as a token of appreciation for their guidance and support.



The program concluded with refreshments, bringing an end to a successful and memorable celebration.!!!

Event Name: Engineers Day

Event Date: 18/09/2024

Event Venue: Class Room - 116

Event Time: 10:00 am

Event Type: Technical

No of Participant: 76

Faculty Coordinator: Prof Sanjay M Narayankar

Students Representation: 1. Mr. Aaradhya (President, MESA)
2. Ms. Vedashri (Vice President, MESA)

Event Management: 1. Ms. Vasanthi
2. Ms. Akanksha Lande

About Event:

1.Objective of Event: to encourage self-evaluation, motivation, effective communication and team building among the students.

2. Program Schedule in Detail: (add program timewise schedule)

Program Schedule:

Sr. No.	Program	Responsibility (Name of Students)
1.	Sarswati Vandana and Workship	MESA President
2.	Welcoming to all Participants	MESA Vice President
3.	Speech by Event in-charges	Event Incharges
4.	Beginning of Events	MESA Dy. President and event coordinators
5.	Certificate distribution and conclusion.	Event Management Team

3. Event Details with Photographs:

Report Of Engineers Day

"Innovation is the essence of engineering, and engineers are the ones who build a better tomorrow. Wishing all engineers, a day filled with pride and inspiration!"

We Team MESA, at Pimpri Chinchwad college of engineering and research college celebrated Engineer's Day on 18 September 2024 in honor of DR. M Visvesvaraya, a true gem of India and to identify the great works done by our hard-working engineers each year. The main objective of the event was to encourage self-evaluation, motivation, effective communication and team building among the students.

Team MESA has organized event EUREKA under which some technical and non-technical events where are mentioned below:

1. Extempore Competition
2. Creo wars
3. BGMI Battle
4. Valorant showdown

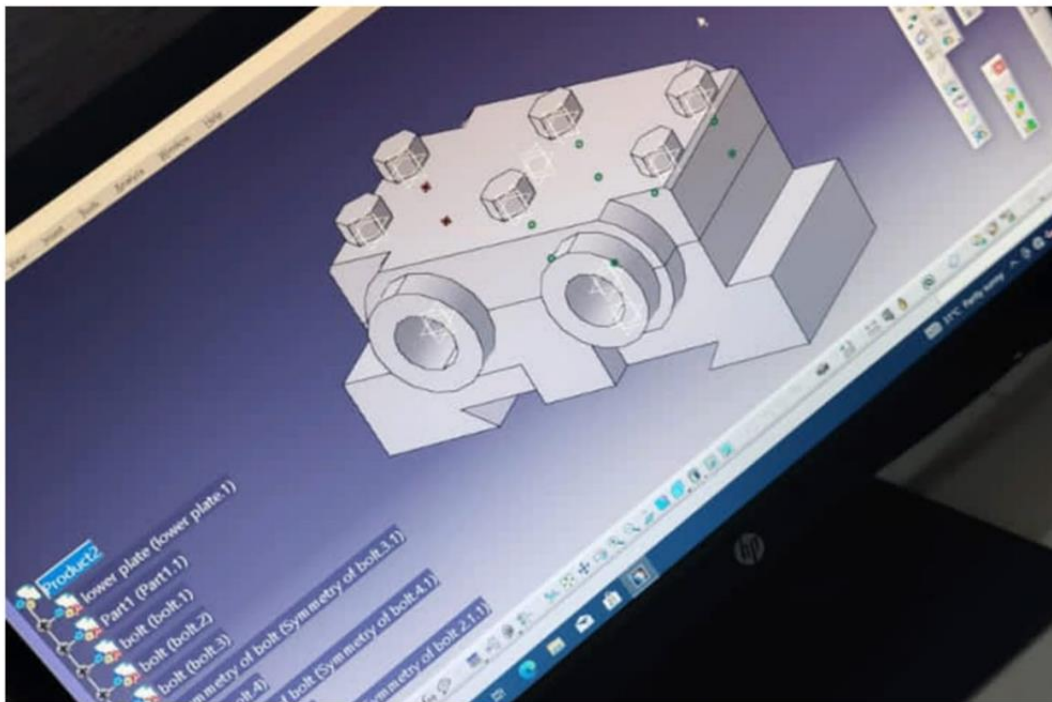
Event coordinators explained all rules and regulation of different events to the participants. The event begins with Extempore competition. In which participants had to pick up the chits and then they were given 5 minutes to prepare for their topic and later on they were called on stage to speak on their topic. From MESA Mr. Aaradhya (president) and Mr. Viraj were giving points to the participants according to their performance.



Then after all participants performance all participants were given certificates of participation by MESA to motivate them and even so they can learn new things and enhance their skills.

The second event creo war was coordinated by Miss. Akanksha Lande were the participants given a 2D drawing and they have to make proper 3D model using

assembly in Creo software the time barrier was given to them and the best result was marked by the team MESA. The main purpose of the event was to develop design skills using this modeling software. the participants were given participation certificates.



The remaining two gaming events BGMI Battel and Valorant showdown were taken on online mode the room was created and the players were allowed to join and win the battel. The result was declared on gaming platform itself after the game was finished.



The program concluded with Certificates to winners, bringing an end to a successful and memorable celebration.!!!

Event Name: SE Induction Program

Event Date: 18/09/2024

Event Venue: Seminar Hall

Event Time: 1:00 pm

Event Type: Non - Technical

No of Participant: SE Class (Regular + DSE)

Faculty Coordinator: Prof Sanjay M Narayankar

Students Representation: 1. Mr. Aaradhya (President, MESA)
2. Ms. Vedashri (Vice President, MESA)

Event Management: 1. Ms. Vasanthi
2. Ms. Akanksha Lande

About Event:

1.Objective of Event: To Induct, Interact and Introduce with Mechanical Engineering Department to SE students.

2. Program Schedule in Detail: (add program timewise schedule)

Program Schedule:

Sr. No.	Program	Responsibility
1.	Sarswati Vandana and Workship	MESA President
2.	Welcoming to all SE Students and alumni	MESA Vice President
3.	Alumni speech and Interaction with SE students	Alumni
4.	Speech by MESA Presidents and Introduction of MESA	MESA President
5.	Introduction of Different Clubs	Leaders of Clubs
6.	Fun Games	Event Management Team
7.	Vote of Thanks	Dy President

3. Event Details with Photographs:

REPORT ON SE INDUCTION PROGRAMME

The Mechanical Engineering Students Association of Pimpri Chinchwad College Of Engineering And Research organized an Induction Programme for

students of Second Year Mechanical Engineering on 18 September 2024 (Wednesday) . The function took place in the seminar hall of the college. Along with the SE mechanical students, MESA Students Reunion and Team leaders.

The programme was commenced with the Introduction by Mr. viraj . The introduction was followed by the lighting ceremony in presence of Gulab Siraskar (HOD) sir and guest of the day our collage alumni Shlok Ashtekar , Digvijay Mane and sakshi Arali.



After lighting ceremony our HOD sir felicited our collage alumni's and later on Mr. Shlok Ashtekar started with his speech and shared his journey with our second year fresher students and then after Mr.Digvijay Mane shared his experience and job role at his company. Mr. Viraj from team MESA called sakshi Arali on stage for her to guide the students . In her speech she mentioned that students while studying they should focus on one thing at a time and she told that our parents put lot of efforts to gives us a good education and do much hard work for us so we should respect them and student should work hard for their happens then she ended her speech.





Then from the team Nashorns Mr. Omkar Shejwal gave a brief overview of his club where they design a car model with help of PPT presentation and even shown some of achievements of there team and students got placements in one of the best core company shared one vedio clip in which how actually they work on the car model and told students that they should definitely join them with their ideas.



OVERALL M_BAJA AIR 3





Then our HOD sir gave speech where he mentioned a very important point that every students should enroll in such activities/clubs so they could get practical knowledge along with theoretical as well.



At

last some game activity was taken for second year students by the Team MESA so they could enjoy the program truly and given refreshments.



Name of Event : Online Expert session on Generative AI (Gen-AI)

Venue : Online Mode

Date : 08/04/2025

Time : 11:30 am

Event Type: Technical/ Non-Technical

No of Participant:

Faculty Coordinator: Prof Sanjay M Narayankar

Students Representation: 1. Mr. Aaradhya (President, MESA)
2. Ms. Vedashri (Vice President, MESA)

About Event:

Introduction:

The Mechanical Engineering Students Association (MESA) organized an insightful **online webinar on Generative AI** on 8th April 2025 at 11:30 AM. The session aimed to introduce students to the transformative world of Generative Artificial Intelligence, its applications, tools, and impact across various domains including engineering, design, and media. The webinar was a part of MESA's ongoing efforts to integrate cutting-edge technological awareness into the academic experience.

Objective of the Event

The primary objectives of the Generative AI Webinar were:

- To introduce the concept and potential of Generative AI to engineering students.
- To explore the applications of generative tools in real-world scenarios.
- To provide exposure to AI-driven content creation and design techniques.
- To encourage students to explore interdisciplinary skills involving AI and technology.

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Supriya Kulkarni

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Jayshree Chaudhary

Content

- ▶ What is AI and types of AI
- ▶ Introduction of Generative AI
- ▶ Generative AI models
- ▶ Applications of GEN-AI
- ▶ Text Generation using GEN-AI
- ▶ How LLM works
- ▶ Introduction to Prompt Engineering
- ▶ Need of RAG, Architecture
- ▶ Project using RAG

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Webinar Overview

The webinar featured a detailed session on:

- **Introduction to Generative AI** – Basic concepts, working principles, and history.
- **Popular Generative AI Tools** – Overview of image, text, and video generation platforms.
- **Applications in Engineering and Design** – How Generative AI is shaping product design, simulation, and automation.
- **Live Demonstration** – Real-time creation using AI tools to showcase their capabilities.
- **Interactive Q&A Session** – Students had the opportunity to engage with the speaker and clarify doubts.

The event was hosted online, ensuring accessibility to a wide range of participants across departments and semesters.

Participation and Response

The webinar saw enthusiastic attendance and engagement from students across various departments. The live demo and open Q&A were especially appreciated for their clarity and hands-on relevance. Students expressed a keen interest in learning more about generative technologies and their integration into engineering fields.

Feedback and Observations

Participants provided positive feedback, highlighting the relevance and timeliness of the topic. Many students expressed interest in workshops or follow-up sessions focused on specific tools and use cases. Faculty noted the educational value of introducing such frontier technologies through accessible formats like webinars.

Conclusion

The Generative AI Webinar successfully bridged the gap between academic learning and emerging technological trends. It not only informed students about the future of AI but also inspired them to experiment with and embrace AI tools in their academic and professional journeys. MESA remains committed to organizing similar initiatives to cultivate tech-forward, adaptive engineers for the future.

Name of Event : Competition on Image Generation using Gen AI.

Venue : Online mode

Date : 20/03/2025

Time : 9:40 am onward

Organizing Team : Team MESA

Event Type: Technical/ Non-Technical

No of Participant:

Faculty Coordinator: Prof Sanjay M Narayankar

Students Representation: 1. Mr. Aaradhya (President, MESA)

2. Ms. Vedashri (Vice President, MESA)

About Event:

Introduction

The Mechanical Engineering Students Association (MESA) successfully organized the Gen AI Image Generation Competition on 20th March 2025. This competition served as a unique opportunity for students to explore and apply their creativity using generative AI tools. It aimed at encouraging innovative thinking and providing a platform for visual experimentation using AI-driven technologies. The event drew participants from various departments, eager to showcase their skills in a modern technological domain.

Objective of the Event

The primary objectives of the Gen AI Image Generation Competition were:

- To promote awareness and usage of generative AI tools among students.
- To foster creativity and technological innovation.
- To encourage hands-on learning and application of artificial intelligence.
- To provide a platform for visual expression through AI-generated art.

Event Format and Rules

The competition required participants to use generative AI tools to create original images based on a given theme. Participants were evaluated on creativity, theme relevance, technical execution, and presentation. Each student submitted one AI-generated image along with a brief explanation of their concept. The judging was conducted by a panel of faculty members with expertise in design and AI.

Participation and Response

The event saw enthusiastic participation from students across all departments. The creative energy and technical flair demonstrated by the participants highlighted the immense potential of generative AI in engineering education. Faculty and peers alike appreciated the innovative outcomes displayed during the event.

Winners and Prizes

After a careful evaluation of the entries, the following students were declared winners:

1st Prize – Pranav Patil

2nd Prize – Spandan Shinde

3rd Prize – Shekhar Jagtap

All winners received certificates of achievement and recognition for their innovative contributions.

Feedback and Observations

Participants expressed great interest in learning more about AI technologies through such competitions. Judges commended the originality and relevance of the entries. It was suggested that future editions could include themes or timed challenges to further enhance competitiveness and engagement.

Conclusion

The Gen AI Image Generation Competition was a resounding success, reflecting the commitment of Team MESA to promoting forward-thinking and practical learning. The event not only encouraged creative exploration but also introduced students to the vast possibilities of AI in visual media. MESA looks forward to organizing more such innovative events in the future to keep the spirit of learning and technology alive among students.

Name of Event : Robo Race
Venue : Designated Track Area near Workshop
Date : 03/04/2025
Time : 10:00 am onward
Event Type: Technical/ Non-Technical
No of Participant: 28 Teams
Faculty Coordinator: Prof Sanjay M Narayankar
Students Representation: 1. Mr. Aaradhya (President, MESA)
2. Ms. Vedashri (Vice President, MESA)

About Event:

Introduction

The Mechanical Engineering Students Association (MESA) successfully organized an exciting and engaging Robo Race Event on 3rd April 2025. The event was held as part of the department's commitment to fostering innovation, hands-on learning, and a spirit of healthy competition among the students. The event witnessed enthusiastic participation from students across various departments, with teams competing in a thrilling robo race event designed to test their skills in control, design, and teamwork.

The RC Challenge was more than just a race; it served as a platform for students to showcase their technical acumen, creativity, and engineering know-how. Participants designed, built, and raced their own RC cars along a specifically designed track, overcoming various hurdles and sharp turns.



Objective of the Event

The primary objectives of the robo race event were:

- To encourage students to apply theoretical knowledge in practical scenarios.
- To promote team spirit and problem-solving skills.
- To provide exposure to modern engineering tools and control systems.
- To foster a competitive and fun environment for students to innovate.

Event Format and Rules

The robo race was structured around a competitive racing format. The key highlights of the format were:

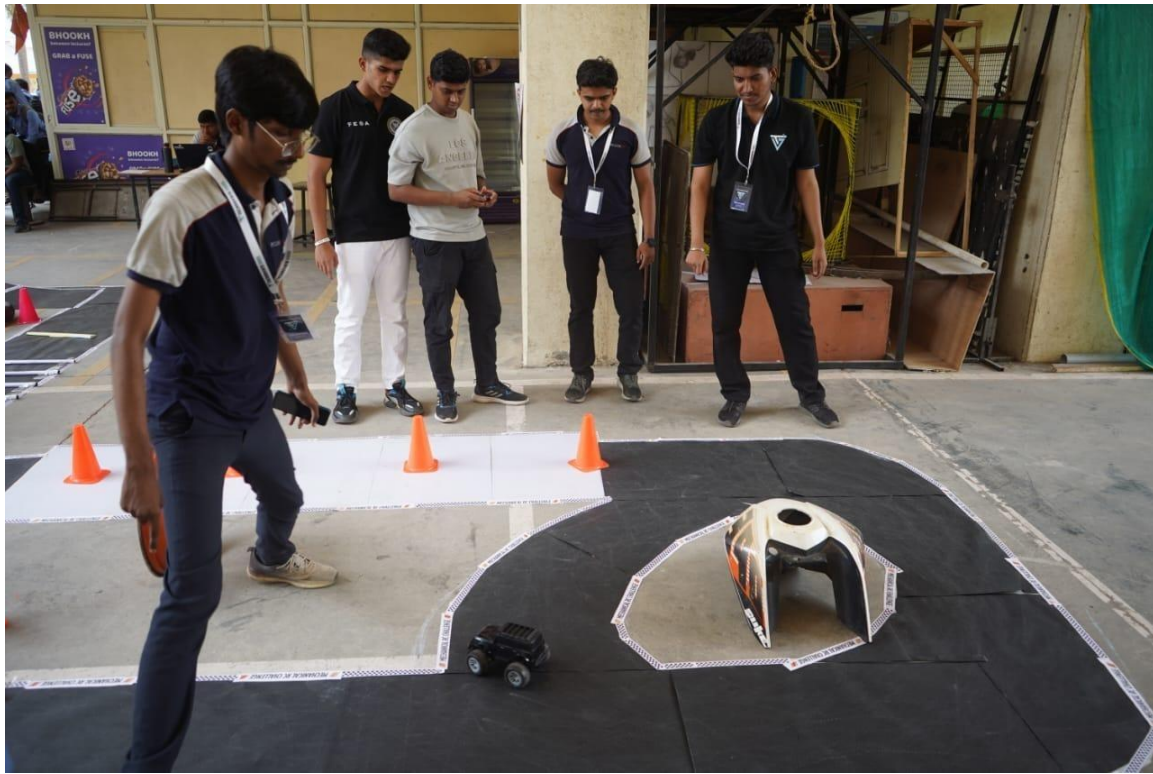
- **Track Design:** A designated track was prepared, complete with curves, bumps, and ramps, simulating real-life road challenges.
- **Robo Car Specifications:** Teams had to design and bring their own robo cars, adhering to certain dimensional and weight constraints.
- **Time Trial Rounds:** Each team was allowed two-time trials. The best time was considered for ranking.
- **Judging Criteria:** Final rankings were based on the fastest time, car stability, and navigation precision.

The race track was the center of attention, attracting both participants and audience with its exciting layout and obstacle points. Marshals were appointed to ensure fair play and rule adherence.

Participation and Response

The Robo race received overwhelming participation from students. A total of 15 teams registered for the event, including interdepartmental groups. The event also garnered a large audience, comprising fellow students, faculty members, and technical club representatives, who cheered enthusiastically for the teams.

The event was inaugurated by the Head of the Mechanical Engineering Department, who emphasized the importance of such co-curricular activities in shaping well-rounded engineers.



Winners and Prizes

After a series of intense and high-speed races, the top three were declared winners. The prize distribution ceremony was held immediately after the final round.

- 1st Prize – ₹5000 – Labhanshu Mahajan
- 2nd Prize – ₹3000 – Anuraj Nikam

- 3rd Prize – ₹2000 – Arjun Sahu

The winners were felicitated with certificates and cash prizes by faculty coordinators and MESA representatives.

Feedback and Observations

The event was met with extremely positive feedback. Participants appreciated the opportunity to apply their knowledge in a creative and competitive setup. The audience also enjoyed the electrifying atmosphere and the adrenaline-filled races.

Faculty mentors praised MESA's effort in conducting the event in a highly professional and safe manner. Some suggestions for future improvements included:

- Increasing the track complexity.
- Introducing new racing formats like drag racing or obstacle courses.

Conclusion

The Robo Race 2025 was a resounding success, reflecting the dedication and hard work of Team MESA and the enthusiastic participation of students. Events like these not only add value to the academic journey of engineering students but also nurture the practical and soft skills essential for their future careers.

MESA looks forward to organizing many such innovative and engaging events in the future, keeping the spirit of engineering and innovation alive within the student community.

Event Name: CAD-O-Create Competition

Event Date: 03/04/2025

Event Venue: Lab 202

Event Time: 9:40 am onward

Event Type: Technical/ Non-Technical

Faculty Coordinator: Prof Sanjay M Narayankar

Students Representation:

1. Mr. Aaradhya (President, MESA)
2. Ms. Vedashri (Vice President, MESA)

About Event:

Introduction

The Mechanical Engineering Students Association (MESA) successfully conducted the *CAD-O-Create* competition on 3rd April 2025. This event focused on testing the technical proficiency and precision of students in 3D CAD modeling. It provided a platform for participants to showcase their skills in computer-aided design under time constraints, promoting practical application and speed in engineering design.

Objective of the Event

The primary objectives of the CAD-O-Create Competition were:

- To enhance students' skills in 3D CAD modelling and design.
- To promote technical proficiency and accuracy under time-bound challenges.
- To encourage competitive spirit and hands-on learning among budding engineers.
- To provide exposure to real-world design scenarios using CAD tools.

Event Format and Rules

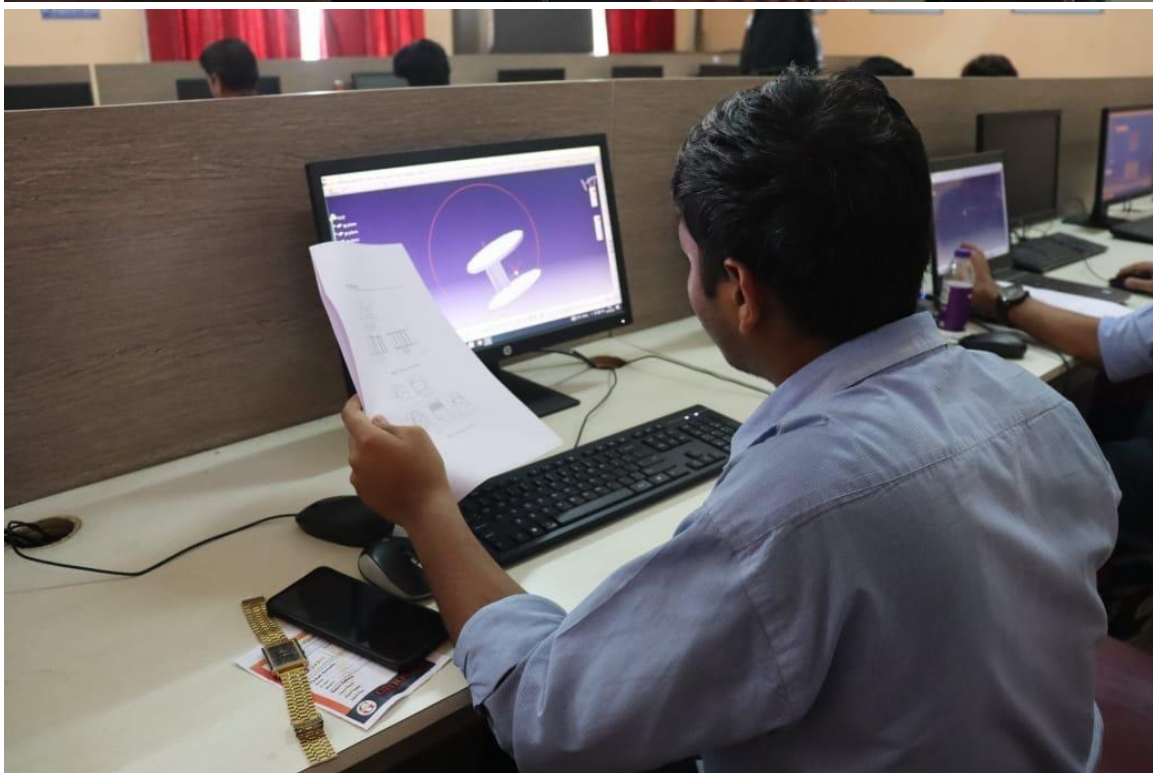
The competition was conducted in two stages:

1. Main Round:

Participants were given a mechanical assembly task which they had to complete using CAD software within a time limit of **2 hours**. Entries were evaluated based on modelling accuracy, completion, technique, and presentation.

2. Tie-Breaker Round (Speed Modelling):

A tie for the third position led to a **Speed Modelling Challenge**, where the tied participants had to model a given part as quickly and accurately as possible. The winner completed the task in an impressive **8 minutes and 40 seconds**.



Participation and Response

The event saw energetic participation from students across various years and departments. Contestants demonstrated commendable technical capability and focus. The time-bound challenge format added excitement and intensity, making it a standout technical event for the semester.

Winners and Prizes

Following the evaluation, the winners were:

- **1st Prize** – *Prasad Wavhal* – ₹5000
- **2nd Prize** – *Labhanshu Mahajan* – ₹3000
- **3rd Prize** – *Jaikumar Pagare* – ₹2000

All winners were awarded certificates and cash prizes in recognition of their exceptional modelling performance and speed.

Feedback and Observations

The event received positive feedback from both participants and faculty. Students appreciated the real-time challenge and practical learning experience. The tie-breaker round added an exciting twist and was particularly well-received. Suggestions for future editions included incorporating more complex assemblies and collaborative modeling tasks.

Conclusion

The *CAD-O-Create* competition was a great success, reinforcing MESA's mission to cultivate technical expertise and practical application among mechanical engineering students. The event not only tested CAD modeling skills but also promoted quick thinking and precision under pressure. MESA is committed to continuing such initiatives that push students to grow as innovative and capable engineers.

Name of Event : Farewell for Outgoing student by Third year students

Venue : Seminar Hall

Date : 25/04/2025

Time : 05:30 pm

Event Type: Technical/ Non-Technical

No of Participant: All BE students and TE students

Faculty Coordinator: Prof Sanjay M Narayankar

Students Representation:

1. Mr. Aaradhya (President, MESA)
2. Ms. Vedashri (Vice President, MESA)

About Event:

1. Event Overview

The Farewell Ceremony for the graduating Bachelor of Engineering (BE) batch was a heartfelt and memorable event celebrating the achievements, struggles, and cherished moments of the students. The event was organized by TEAM MESA and third year students to honor the outgoing students and provide them with a formal send-off as they transition from academic life to professional careers.



2.

Event Highlights

2.1 Welcome Address

- The ceremony commenced with a warm welcome speech by Dy President, MESA setting an emotional yet celebratory tone.



The Head of the Department (HOD) addressed the students, congratulating them on their accomplishments and encouraging them to uphold the values of engineering excellence.

2.2 Student Speeches & Reflections

- Selected graduating students shared their experiences, expressing gratitude to faculty and reminiscing about their journey.



- Humorous and emotional anecdotes created a nostalgic atmosphere.

2.3 Cultural Performances & Entertainment

- Juniors performed dances, songs, and skits dedicated to the seniors.



- A "Memory Slideshow" featuring candid moments from the past four years was displayed, evoking strong emotions.

2.6 Farewell Dinner & Networking

- A formal dinner allowed students and faculty to interact informally, exchange contacts, and strengthen bonds.
- Photo booths and selfie sessions captured final memories.

2.7 Vote of Thanks






- The event concluded with a vote of thanks by Viraj Chature acknowledging the efforts of volunteers, faculty, and sponsors.



3. Key Takeaways & Feedback

- The event successfully blended emotions, motivation, and celebration.
- Students appreciated the recognition and the opportunity to reconnect before parting ways.
- Suggestions for future farewells included more interactive segments.

4. Conclusion

The BE Farewell 2024 was a resounding success, leaving graduates with a sense of pride and nostalgia. As they embark on their professional journeys, the event served as a fitting tribute to their hard work and camaraderie.

Sr. No.	Name and brief Description of the Event	One photograph of event
1	Teacher's Day	
2	Engineer's Day – Technical Events, Contraption, Non-Technical Events	
3	SE Induction	
4	Technical Session on “Generative AI” – online mode	
5	Online competition on Image generation using AI	-
6	Robotics Event – Robo race – Technical Event	

7	Cad-O-Crate – Technical Event	
8	Be Farewell Event	

President, MESA