

Mechanica Inauguration Function Report 2023-24

Event title : Alpha Step – The Inauguration of Mechanica

Date : 11.09.2023

Time : 2.00 pm – 4.00 pm

Venue : C.Subramaniam Hall (MCETCampus)



Agenda

S.NO	ACTIVITY	PRESENTER	TIME
1	Prayer Song	Harini M and Manjarika M	2.00-2.05 pm
2	Welcome Address	Prakasini S V	2.05-2.10 pm
3	Introduction to Office Bearers	Nithish Kumar G	2.10-2.20 pm
4	Association Year Plan	Ashwin Jeeva S	2.20-2.30 pm
5	Presidential Address	Govindasamy P	2.30-2.40 pm
6	Introduction to Guest	Aathi Varshini S	2.40-2.50 pm
7	Guest Talk	Mr. Arun Kumar K	2.50-3.40 pm
8	Q&A Session	Mr. Arun Kumar K	3.40-3.50 pm
9	Honoring the Guest	Sakthi Aniruth S and Gokul Krishna P	3.50-3.55 pm
10	Vote of Thanks	Sabari Iyyapan	3.55-4.00 pm

Event summary

The event started with a delightful Prayer Song sung by Harini M and Manjarika M and the warm welcome for the guests and staff and students was given by Prakasini S V. The Presidential address was given by Dr.Govindasamy P, Principal, MCET. Introduction to Office Bearers was given by Nithish Kumar G which he had concluded by expressing the importance of extra skills to be learned for career success and the responsibilities of MECHANICA.

Introduction

The interactive session on the "Role of CAE Analysis in Product Validation" was held on 11.09.2023 at C.Subramaniam Hall. The session aimed to provide students and faculty with insights into the critical role of Computer-Aided Engineering (CAE) in the product development process and its significance in ensuring the reliability and performance of engineering products.



Session Highlights with the Guest

- **Opening Remarks:** The session began with opening remarks by Aathi Varshini S, who welcomed the attendees and introduced the guest speaker, Mr. Arun Kumar K, a seasoned professional with extensive experience in CAE analysis.
- **Overview of CAE Analysis:** Mr. Arun Kumar commenced the session by giving an overview of CAE analysis. He emphasized that CAE plays a pivotal role in simulating and validating various aspects of product design, such as structural

integrity, thermal behavior, and fluid dynamics.

- **Real-Life Case Studies:** The speaker shared several real-life case studies from his career, illustrating how CAE analysis had been instrumental in identifying and rectifying design flaws before physical prototypes were built. These examples vividly demonstrated the cost and time-saving advantages of CAE analysis.
- **Benefits of CAE Analysis:** He elaborated on the benefits of CAE analysis, including faster product development cycles, reduced manufacturing costs, and improved product reliability. He stressed that CAE analysis enables engineers to iterate and optimize designs quickly.
- **Gift to Guest:** At last, Sakthi Aniruth and Gokul Krishna gifted the guest a plant sample to initiate Green Revolution. He was so glad to receive this gift as a token of honor.



Interactive Q&A Session:

The session included an engaging Q&A session where attendees had the opportunity to ask questions and seek clarifications on CAE analysis, its applications, and career prospects in this field of Mechanical Engineering.



Conclusion

The interactive session on the "Role of CAE Analysis in Product Validation" provided valuable insights into the significance of CAE analysis in the engineering industry. Attendees gained a deeper understanding of how CAE analysis can enhance product development processes, increase efficiency, and reduce costs.

Acknowledgments

The organizers extend their heartfelt gratitude to [Name of Industry Specialist] for sharing his expertise and experiences during this enlightening session. Special thanks to all the attendees for their active participation.

Next Steps

Considering the success of this event, MECHANICA plans to organize more sessions, workshops, and courses to further enrich the education and skills of its engineering students.

NUMBER OF STUDENTS ATTENDED THE EVENT:

- FINAL YEAR - 90
- THIRD YEAR - 108
- SECOND YEAR - 115