



SARVAJANIK EDUCATION SOCIETY  
**SARVAJANIK UNIVERSITY**  
 SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY  
 - DEPARTMENT OF MECHANICAL ENGINEERING -



SYNERGY.io

# EVENT REPORT

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# AUGMENTED



# ENGINEERING

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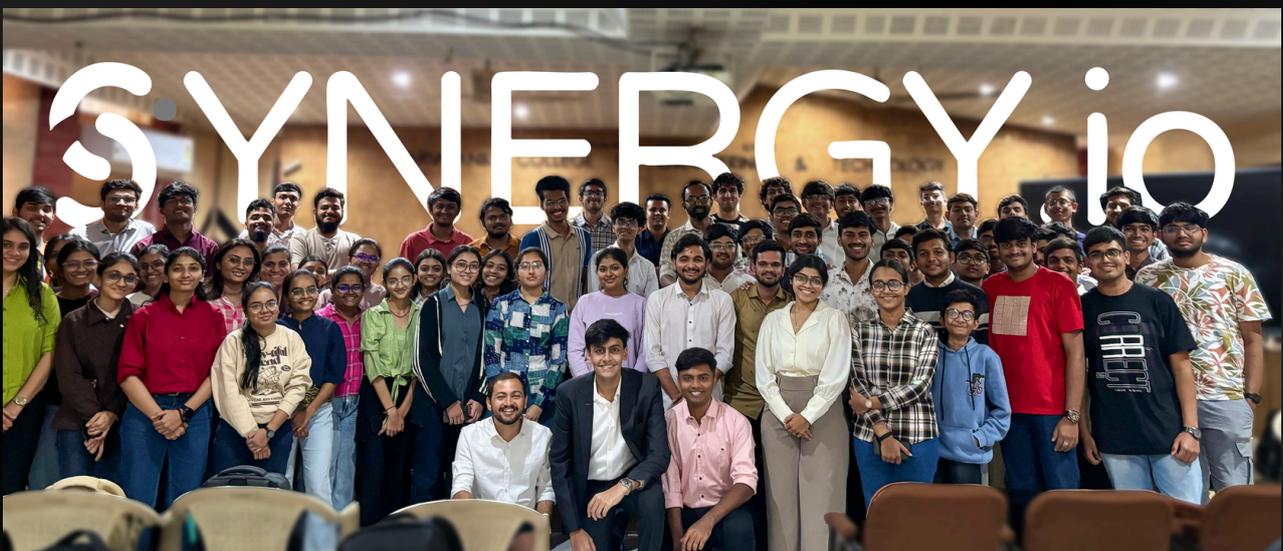
# 1. INTRODUCTION

The SYNERGY.io Club, an innovative student initiative within the Mechanical Engineering Department at Sarvajanic College of Engineering and Technology (SCET), successfully organized a specialized hands-on workshop titled "AUGMENTED ENGINEERING".

This two-hour session, held on **January 22, 2026**, between **2:00 pm to 4:00 pm** at the **NJ Seminar Hall (SCET)**, aimed to bridge the gap between traditional technical rigor and modern digital efficiency. *The workshop focused on the integration of Artificial Intelligence into the modern engineering workflow, exploring how these tools can be leveraged for innovation, research, and enhanced productivity without compromising technical accuracy.*

The Workshop was met with overwhelming enthusiasm, drawing a crowd of **over 90+ active participants from across the departments of SCET**. The high attendance underscores the students' keen interest in acquiring practical skills in Artificial Intelligence and Prompt Engineering. The event was smoothly coordinated by:

- **ARCHAN SHARMA** (2<sup>nd</sup> Year - MECHANICAL)
- **RAIVAT PUROHIT** (2<sup>nd</sup> Year - MECHANICAL)
- **BHAVYA LADUMOR** (2<sup>nd</sup> Year - INFORMATION TECHNOLOGY)
- **MOHAMMED AMAAN SURATI** (2<sup>nd</sup> Year - MECHANICAL)



## 2. WORKSHOP CONTENT AND JOURNEY

The "Augmented Engineering" workshop was structured as a strategic exploration, moving participants from the theoretical implementation of AI to hands-on application using cutting-edge utilities.

### A. STRATEGIC IMPLEMENTATION AND FOUNDATIONS :-

- The session began by establishing a strong framework for Strategic Implementation. Participants explored how AI tools could be utilized to foster innovation and accelerate research while maintaining high standards of technical accuracy.
- Following this, the workshop delved into Technical Foundations, training attendees in the fundamentals of AI components. A key focus was placed on the specific methodology of "Prompt Engineering," ensuring that students learned how to structure their inputs to generate precise, relevant, and engineering-grade outputs



## B. TOOL ARCHITECTURE (HANDS-ON MODULES)

The core of the workshop involved practical, hands-on training with distinct AI utilities, each selected for a specific stage of the engineering workflow:

- **Research & Synthesis (Google NotebookLM):** Participants learned to use NotebookLM to synthesize complex technical data and streamline the research process.
- **Technical Exploration (Google Antigravity & Flux AI):** The session introduced Google Antigravity as a tool for deeper technical exploration and creative problem-solving.
- **Presentation & Documentation (Napkin AI & Gamma AI):** To enhance communication skills, attendees utilized Napkin AI and Gamma AI to create professional-grade documentation and dynamic presentations efficiently.



## 3. CONCLUSION

The "**Augmented Engineering**" workshop proved to be a significant success, fulfilling the **SYNERGY.io** Club's mission to promote practical, technology-driven skills among students. *The session provided students with a robust perspective on the modern engineering workflow, balancing the speed of AI with the solidity of first principles.*

We sincerely acknowledge the invaluable support and guidance of our **Faculty Coordinator, Dr. Samip Shah, our Head of Department, Dr. Pankaj Gohil, and our Principal, Dr. Hiren Patel**, whose encouragement played a key role in the smooth execution of the event.

Building on this momentum, SYNERGY.io aims to conduct more such innovative events, continuing to foster a culture of creativity, learning, and technology-driven growth within the department.