



**SRI MANAKULA VINAYAGAR**  
ENGINEERING COLLEGE  
(AN AUTONOMOUS INSTITUTION)



## **DEPARTMENT OF MECHANICAL ENGINEERING**

**SOCIETY OF AUTOMATIVE ENGINEERS INDIA CHAPTER**

**ANNUAL REPORT**

**(ACADEMIC YEAR: 2023 TO 2024)**



**Submitted By**  
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**Professor/Mechanical**  
**Faculty Coordinator**




## **PREFACE**

The SAEINDIA Student Chapter of the Department of Mechanical Engineering at Sri Manakula Vinayagar Engineering College is established with the vision of fostering technical excellence, innovation, and professional competence among budding mechanical engineers. As a collegiate chapter under SAEINDIA, the student body actively engages in various technical activities, competitions, workshops, seminars, and industrial interactions that bridge the gap between academic learning and industrial practice.

The chapter serves as a dynamic platform for students to explore advancements in automotive engineering, mobility solutions, manufacturing technologies, and sustainable engineering practices. Through participation in national-level SAE competitions, technical paper presentations, design challenges, and skill-development programs, students gain hands-on experience, leadership qualities, teamwork skills, and exposure to real-world engineering problems.

Our chapter is committed to nurturing creativity, research orientation, and ethical engineering practices while encouraging innovation and entrepreneurship. With continuous guidance from faculty advisors and support from the institution, the SAEINDIA Student Chapter strives to empower students to become globally competent engineers who contribute effectively to the automotive and manufacturing industries. The chapter stands as a symbol of technical enthusiasm, professional growth, and collaborative learning within the Department of Mechanical Engineering



**Faculty Coordinator**



**HOD/MECH**



**IQAC Coordinator**



**Director cum Princi**

## COLLEGE VISION AND MISSION

### VISION

To be globally recognized for excellence in quality education, innovation and research for the transformation of lives to serve the society.

### Mission

#### M1: Quality Education:

To provide comprehensive academic system that amalgamates the cutting edge technologies with best practices.

#### M2: Research and Innovation:

To foster value-based research and innovation in collaboration with industries and institutions globally for creating intellectuals with new avenues.

#### M3: Employability and Entrepreneurship:

To inculcate the employability and entrepreneurial skills through value and skill based training.

#### M4: Ethical Values:

To instill deep sense of human values by blending societal righteousness with academic professionalism for the growth of society.

## DEPARTMENT VISION AND MISSION

### VISION

The Mechanical Engineering department strives to be recognized as an excellent academic and research center for creating outstanding Engineers, Entrepreneurs and Leaders

### Mission

#### M1: Professional Skills:

To provide quality education to enhance students inter-personal and intra-personal skills

#### M2: State-of-art facilities:

To render excellent infrastructure facilities and laboratories to excel as skilled professionals

#### M3: Research Exposure:

To Strengthen Research and Development within the department through industrial associations

#### M4: Employability:

To put enthusiastic exertions to enhance employability and entrepreneurship skills of students

#### M5: Human Values:

To empower students with professional ethics and human values to serve the society

## ABOUT SOCIETY OF AUTOMATIVE ENGINEERS

SAEINDIA is the Indian affiliate of SAE International and is a leading professional society dedicated to advancing mobility engineering in India. It focuses on the growth of automotive, aerospace, and commercial vehicle engineering by promoting technical knowledge, research, and industry–institute interaction. SAEINDIA organizes major national-level student competitions such as BAJA SAEINDIA, SUPRA SAEINDIA, and Aero Design Challenge, which provide hands-on experience in design, manufacturing, testing, and project management. The organization also conducts technical events, conferences, workshops, and training programs to enhance the professional skills of engineers and students. With strong participation from engineering colleges and industries across India, SAEINDIA plays a vital role in developing technically competent and industry-ready engineers in the mobility sector.

### Objectives:

- Preferred technical body for knowledge dissemination & skill development of mobility professionals, students and faculty
- Nimble and Professional Organization Creating Value for Mobility Engineering Community.
- Services globally enabling them to practice world class standard in productivity and quality

### Benefits:

- It's connecting and educating mobility professionals to enable safe, clean and accessible mobility solutions
- Best in class technical resources
- Connections with a global network of leading industry
- To provide to its member access to SAE international programs



## OFFICE BEARERS

**Faculty Advisor:**

**Dr.R.RAVISANKAR**

**Associate Professor**

**Department of Mechanical Engineering**

**Email ID: ravihari2000@gmail.com**

**Mobile: 9677597041**

S. No	Convener / Member	Name of the student	Year / Sem / Batch	Contact Number
1	President	Ashwinkumar.S	IV / VII/ 2020-2024	9342194980
2	Vice President	Karthikeyan.R	IV / VII/ 2020-2024	9655753316
3	Secretary	Kishore kumar.R	IV / VII/ 2020-2024	9080897386
4	Treasurer	Surya.B	III / V/ 2021-2025	9487613779
5	Student Program Chair	Sainnath.AB	IV / VII/ 2020-2024	9360799324
6	Student Reception Chair	Bharanidharan.M	IV / VII/ 2020-2024	6380069847
7	SEC Member	John Pandian.I	IV / VII/ 2020-2024	7339168593
8	Student Membership Chair	Oviya.R.S	III / V/ 2021-2025	8015102529
9	Student Publicity Chair	Shakthiventhan.VS	IV / VII/ 2020-2024	6379974063

## LIST OF EVENTS

S. No	Titles of the Events
1	Demonstration of IC Engine component
2	Auto Quiz
3	Hands on training in NDT Techniques

## PHOTO GALLERY



**SAE India student chapter one day event on Demonstration of IC Engine components to Third year mechanical Engineering students 10-02-2024.**



**SAE India student chapter Auto Quiz competition for Mechanical students on 30-3-24**



SAE India student chapter organized one day Hands on training in NDT Techniques on 13-4-24

Staff Incharge

HOD

