



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



# **DEPARTMENT OF MECHANICAL ENGINEERING**

## **AUTOMOBILE CLUB**

**ANNUAL REPORT**

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

**Submitted By**  
**Dr.R.Ravisankar**  
**Professor/Mechanical**  
**Faculty Coordinator**



## **PREFACE**

The Automobile Club of the Department of Mechanical Engineering at Sri Manakula Vinayagar Engineering College was established with the objective of nurturing technical knowledge, innovation, and practical skills in the field of automobile engineering. The club serves as a dynamic platform for students to explore emerging trends in automotive technology, vehicle design, electric mobility, alternative fuels, and advanced manufacturing systems.

The primary aim of the Automobile Club is to bridge the gap between classroom learning and real-world automotive applications. Through technical workshops, guest lectures by industry experts, hands-on training sessions, industrial visits, project exhibitions, and technical competitions, students gain valuable exposure to current industry practices and technological advancements.

The club encourages teamwork, leadership, creativity, and problem-solving abilities among students. It also promotes research activities, prototype development, and participation in intercollegiate events, fostering a spirit of innovation and healthy competition. With strong support from faculty mentors and the institution, the Automobile Club strives to shape competent, industry-ready engineers who can contribute effectively to the rapidly evolving automotive sector. The Automobile Club stands as a vibrant forum for technical excellence and experiential learning within the Department of Mechanical Engineering.



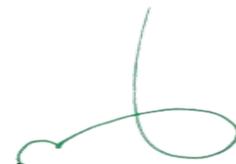
**Faculty Coordinator**



**HOD/MECH**



**IQAC Coordinator**



**Director cum Principal**

## 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 AUTOMOBILE CLUB

The Automobile Club of the Department of Mechanical Engineering at Sri Manakula Vinayagar Engineering College is a student-driven technical forum dedicated to enhancing knowledge and practical skills in the field of automobile engineering. The club provides a platform for students to explore modern automotive technologies, including electric vehicles, hybrid systems, advanced engines, alternative fuels, vehicle dynamics, and sustainable mobility solutions. The club regularly organizes technical workshops 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	III / V/ 2020-2024	9342194980
2	Vice President	Karthikeyan.R	III / V/ 2020-2024	9655753316
3	Secretary	Kishore kumar.R	III / V/ 2020-2024	9080897386
4	Treasurer	Surya.B	II / III / 2021-2025	9487613779
5	Member	Sainnath.AB	III / V/ 2020-2024	9360799324
6	Member	Bharanidharan.M	III / V/ 2020-2024	6380069847
7	Member	John Pandian.I	III / V/ 2020-2024	7339168593
8	Member	Oviya.R.S	II / III / 2021-2025	8015102529
9	Member	Shakthiventhan.VS	III / V/ 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