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A Report on Industrial Visit to "SINA Mobility, Bangalore"
Organized by Department of CSE (Artificial Intelligence)
On 12.11.2026



Report Submitted by: Mr. K. Sreenath, Assistant Professor, Department of CSE (AI).
Venue: SINA Mobility, Kalam's "Spl" Plot, Prad 4x4, 82/1, 2nd cross road, Peenya 1st stage, Peenya, Bangalore-58
Mode of Conduct: Offline (On-site Industrial Visit)
Attendees Count: 47 from III Year CSE(AI) – B
Faculties Accommodated: Mr. K. Sreenath, Dr. K. Hemalatha
Report Received on 21.11.2026
Company Details:
Company Name: SINA Mobility.
Corporate Office Address: Kalam's "Spl" Plot, Prad 4x4, 82/1, 2nd cross road, Peenya 1st stage, Peenya, Bangalore-58

Objectives:

- To bridge the gap between academic learning and real-time industrial practices in the IT field.
- To understand the working environment and operations of an electric vehicle development company.
- To explore how programming and computational techniques are integrated into automotive design.
- To understand the applications of Artificial Intelligence and Machine Learning in modern automobile engineering.
- To study how digital technologies help improve vehicle design, efficiency, safety, and performance.
- To bridge the gap between theoretical knowledge and practical industrial applications.

Report Summary:

The Department of Computer Science and Engineering (Artificial Intelligence), MITS, An industrial visit to SINA Mobility, Bengaluru, was organized on 12 November 2026, with a total of 47 students (30 girls and 17 boys). The purpose of this visit was to gain practical knowledge about industrial applications of Information Technology, Artificial Intelligence, and modern automotive technologies.

During our industrial visit to SINA Mobility, Bengaluru, the company experts explained various applications of Artificial Intelligence (AI) and emerging IT technologies in the automobile industry. They provided insights into how software, programming, and intelligent technologies are integrated into modern automobile design and development.
The experts explained the role of AI in automobile body designing, computer-aided design (CAD), design automation, and vehicle development. They also discussed how programming and coding techniques help engineers automate design processes, improve accuracy, and optimize vehicle components.



The major AI-related technologies discussed included:

1. **AI-Based Automobile Designing:** Using AI-assisted tools to explore and optimize vehicle body designs.
2. **Generative Design:** Generating multiple design alternatives based on engineering requirements.
3. **Machine Learning:** Analysing engineering data to support design decisions and predict performance.
4. **CAD Automation:** Using programming to automate repetitive automobile design operations.
5. **Computer Vision:** Applying image-processing techniques for vehicle inspection and object detection.
6. **Predictive Maintenance:** Using data and machine learning to identify possible vehicle.

Outcome of the Event: The industrial visit provided valuable practical exposure to modern automotive engineering. The major learning outcomes were:

- Understood the basic workflow involved in automobile body design.
- Gained knowledge of digital modelling and CAD applications.
- Learned how programming can be integrated into engineering design processes.
- Understood the potential applications of AI in automobile design and development.
- Gained awareness of electric vehicle technology and next-generation mobility.
- Understood the importance of combining mechanical engineering, software development, and AI.
- Learned how industrial design practices differ from theoretical classroom concepts.

Conclusion:

The industrial visit to SINA Mobility, Bengaluru, was an informative and valuable learning experience. It provided practical exposure to the automobile design and electric vehicle development process. The major area of exploration was automobile body design, where digital modelling, engineering software, and code-based techniques play important roles.

The visit also helped us understand how Artificial Intelligence, Machine Learning, and programming can contribute to the future of automobile engineering through generative design, design optimization, automation, and predictive analysis. Overall, the visit helped us understand the integration of mechanical engineering and emerging technologies, especially AI, in the development of next-generation electric vehicles.