MIT MOTORSPORTS

SPONSOR HANDBOOK
2023-2024
OUR MISSION

MIT Motorsports strives to provide students with the best means to learn about the engineering process – by emphasizing rigorous engineering, strong technical expertise, and effective management.

WHAT WE DO

The Formula SAE competition tasks students to design, build, and engineer a racecar. Starting from the ground up, each team constructs a vehicle that is judged on design, cost, business case, and performance. Formula SAE pushes students to apply their classroom knowledge to a real world project. The process prepares students to engineer in many fields, as the project has applications ranging across automotive, aerospace, mechanical, business, and data industries.
ABOUT THE TEAM

TEAM STATISTICS

MAJOR
- MechE: 55%
- EECS: 25%
- AeroAstro: 10%
- Other: 10%

GENDER
- Male: 68%
- Female: 32%

ETHNICITY
- Caucasian: 24.7%
- African-American: 22.1%
- Latino or Hispanic: 10.4%
- Asian: 37.7%
- Other: 5.2%

EXECUTIVE BOARD
- Megan Gupta-She: Captain
- Henry Smith: Mechanical Lead
- Alonso Vela: Electrical Lead
- Alex Mendez: Aerodynamics Lead
MIT Motorsports first entered the Formula SAE scene when two freshmen founded the team in 2001. Since our 97th place finish at the first competition in 2003, MIT Motorsports has continued to endlessly evolve.

**2015**
MY15 was the team’s first completed running electric vehicle (EV). It also had the first aerodynamics package in team history.

**2017**
MY17 finished in second place. The aero package, custom battery, novel wheel package design, and other improvements pushed the team to a new level.

**2021**
Out 20 registered teams, we were one of eight who passed battery inspection. Despite the impact of COVID-19, MIT Motorsports placed among the strongest competitive teams in the nation.

**2023+**
Our team continues to value innovation and competitiveness, all the while building a sustainable team and engineering community. MY24 will mark the first one-year design cycle since 2019, a challenge our young team is excited to tackle.
After establishing our team goals, we justify system level requirements using self-developed simulation tools. Next, our design shifts to developing vehicle components and creating a full-car computer model.

Through the design cycle, design reviews offer a formal opportunity for input from peers, alumni, and involved sponsors. These reviews keep us on track and present learning opportunities for newer members.

Our car is built in house from the ground up. Team members machine precision components in MIT’s Edgerton Center facilities, teaching them to tread the line between innovative geometry optimization and practical designs.

We place high emphasis on testing, aiming to spend just as much time on testing as design. To build a robust and reliable electric vehicle, we go on weekly testing trips, honing our vehicle’s performance, controls and training our drivers.
**SPONSORSHIP OPPORTUNITIES**

While the Institute provides us with laboratory space in the Edgerton Center, we rely on fundraising to support our activities. We welcome both cash and in-kind donation. Fair market value of materials and equipment will be used to determine the level of support. Interested in sponsoring for Model Year 2024? Please see sponsorship benefits on the next page. Tax deductible gifts can also be given to both the MIT Motorsports Expendable and Endowed fund but don’t include benefits, in compliance with federal guidelines. Reach out at fsae@mit.edu

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**2023 NUMBER OF IN-KIND AND MONETARY SPONSORS: 40**

**2024 BUDGET PROJECTION: $152,000**

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**WHY JOIN US?**

**VISIBILITY**
Your logo and branding will appear on our website, social media, team shirts, and race car.

**RECRUITING**
You will have the opportunity to recruit experienced and talented student from our team through recruitment events or our resume book.

**ENGAGEMENT**
Enable younger generations to grow and develop through engaging in design reviews, shop tours and sponsor events.
# BENEFITS

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# CONTACT US

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Thanks to our MY23 Sponsors

PLATINUM

MIT Edgerton Center

GOLD

gecko robotics
Schlumberger

SILVER

TEIJIN
Milwaukee
BOSE
Ansys
HENRY FORD

BRONZE

AERODINE COMPOSITES
MIT MECHE
MIT EECS
ALTIUM DESIGNER

AFFILIATE

NSE
Nuclear Science & Engineering at MIT
SCIENCE : SYSTEMS : SOCIETY
RALPH & LAURIE INGLESE
ANDURIL
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