



NEW JERSEY INSTITUTE OF TECHNOLOGY
SOLAR CAR TEAM

SPONSORSHIP PACKET
2025 - 2026

ABOUT US

The Solar Car Team at New Jersey Institute of Technology (NJIT) is building one of New Jersey's collegiate level, full-size, solar-powered electric vehicle. The multidisciplinary project provides a real-world systems engineering experience for students at NJIT. The Solar Car Team is competing against prestigious universities across the world in the Formula Sun Grand Prix and the American Solar Challenge. We've made excellent progress so far – and it will only get better from here.

OUR MISSION

The mission of the NJIT Solar Car Team is to research, design, and construct our solar-powered race car to compete against other teams. Our team emphasizes the development of each component and provides experience for future career opportunities by utilizing technical and analytical skills in engineering design, simulation, and business.





THE TEAM

Our team is comprised of visionaries from all disciplines, and powered by hard work and creative problem-solving. The mechanics, electronics, and software teams are responsible for all the major aspects of the car, including designing the body, creating wiring schematics, and simulating the car under real conditions. Electrical and mechanical team members work very closely with one another to ensure all subsystems and components work seamlessly. Members of the teams learn and master advanced skills, such as TIG welding, simulation software, CAD software, and electrical engineering theory.

New members are arranged in cohorts and assigned entry-level projects to work on. Projects range from designing new processes to implement in our current generation car to researching cutting-edge technologies to integrate into future projects. Once new members have shown their dependability and work ethic, they move onto the core development teams.

PARTNERING WITH THE NJIT SOLAR CAR TEAM

GREEN ENERGY

Our students at NJIT are representing New Jersey on a national scale as researchers on the cutting edge of renewable energy. Solar cars harness energy from the sun by converting it into electricity to power the car. A car running on gasoline burns fossil fuels and emits greenhouse gasses, but solar-powered cars burn no fuel and produce zero emissions. We are determined to advocate and research solar power in the pursuit of a cleaner, brighter tomorrow.



TEAMWORK

Students working on this project use their individual strengths to work toward a common goal. Our members bring a lot of specialized skills and uniquely analytical problem-solving to the team. Our team follows a carefully structured hierarchy, which keeps it organized and transparent. This project gives us the opportunity to collaborate and continually improve the car.

INNOVATION

Through this project, our students are learning vehicle design, problem solving, integrated systems engineering, material science, and simulation. In the NJIT Solar Car Team, we carefully foster a culture of going above and beyond the normal scope of the classroom. Moving forward, we would love to have your support as we continue innovating and engineering the future.



PARTNERSHIP OPTIONS

We would love to partner with you as we complete NJIT's solar car. Every donation is tax-deductible, and when you partner with us, your company will receive exposure as we travel across the nation with our solar car. Every donation helps us move closer to the finish line, but our various sponsorship levels are detailed below. We are also open to discussing alternative sponsorship options with you.

Platinum – \$10,000 and up

- NJIT Solar Car Team members will be available to give in-person or online presentations on updates once every semester
- Gain access to the NJIT Solar Car Team Resume Booklet
- Company logo will be prominently featured on the solar car, trailer, team apparel, and website
- Extensively dedicate a post on social media and our blog about your company
- Gain access to our newsletter

Gold – \$5,000 to \$9,999

- Gain access to the NJIT Solar Car Team Resume Booklet
- Company logo will be featured on the solar car, trailer, team apparel, and website
- Extensively dedicate a post on social media and our blog about your company
- Gain access to our newsletter

Silver – \$2,500 to \$4,999

- Company logo will be featured on the solar car trailer, team apparel, and website
- Dedicate a post on social media and our blog about your company
- Gain access to our newsletter

Bronze – \$1,000 to \$2,499

- Company logo will be featured on the team apparel and our website
- Dedicate a post on social media and our blog about your company
- Gain access to our newsletter

THE COMPETITION

We hope to be race-ready by the 2026 Formula Sun Grand Prix, and gain eligibility to race in the American Solar Challenge, a cross-country race spanning over 1,200 miles.



THE COMPETITION

We would love to partner with you in order to propel NJIT's research in solar power and our pursuit in developing a championship car. Please feel free to contact us with any questions, or to request more information.

The future is brighter with you!



Contact us through email:
solarcar@njit.edu

Visit our website:
solarcar.njit.edu

Instagram:
[@njitsolarcar](https://www.instagram.com/njitsolarcar)

