



YEDİTEPE SEVEN RACING



YEDİTEPE UNIVERSITY



PROMOTION FILE

2025

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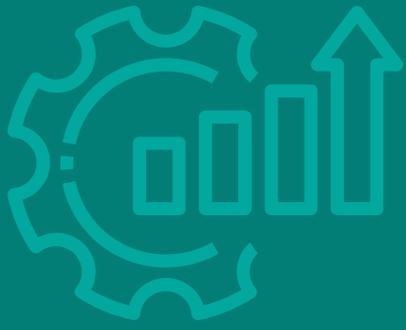


ABOUT US

Seven Racing, affiliated with the Yeditepe University Technology Club, is a racing team that unites engineering students and fosters collaboration on competitive projects. Our objective is to effectively represent our country in esteemed events such as the **Shell Eco-marathon** by enhancing the capabilities of our members across **Mechanical, Software, Electrical, Media, and Sponsorship** teams in accordance with industry standards.

As a committed and enthusiastic team, our objective extends beyond vehicle design; we aspire to be integral to a movement that champions sustainability and innovation. In the forthcoming days, we intend to further our growth and development, **amplify our team's impact, and inspire** those who will succeed us. We express our gratitude to all our stakeholders for their support and to everyone who contributes to our team. We eagerly anticipate our future achievements!





MEET OUR TEAMS

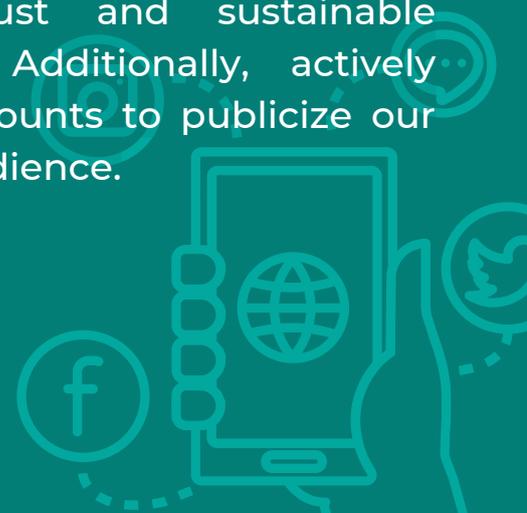
Mechanical Team

It guarantees that our designs are actualized through the physical execution of our competition projects. It serves as the foundation of our initiatives by performing comprehensive studies in the design and analysis phases. This team diligently oversees every aspect of the process, from material selection to prototype fabrication. Our mechanical team, which plays a crucial role in the success of our projects, develops innovative solutions. The disciplined and dedicated efforts of our team enhance the quality and performance of our projects.



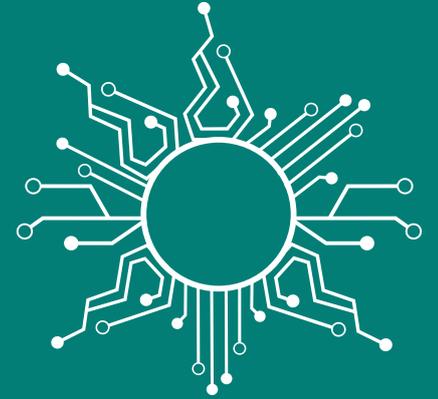
Media and Sponsorship Team

Manages sponsorship relationships to fulfill the team's financial requirements and provide necessary resources. Identifies potential sponsors, engages in communication, oversees negotiations, and formulates sponsorship agreements. Prepares sponsorship proposals aligned with the team's objectives and aspirations. Our team seeks to enhance its financial stability by cultivating robust and sustainable partnerships with sponsors. Additionally, actively manages our social media accounts to publicize our sponsors' support to a broad audience.



Electrical and Electronics Team

Responsible for the design, selection, management, and integration of the vehicle's electrical systems. It guarantees the proper functioning of the vehicle's battery, engine control unit, power electronics, cable management, and other electrical components. It enhances the efficient utilization of battery energy management, engine performance control, energy recovery, and other electrical systems.



Yazılım Ekibimiz

It develops and oversees the software for the vehicle's electrical systems and control mechanisms. It establishes the software infrastructure that guarantees the efficient operation of the vehicle's battery management, power distribution, braking system, engine control, and other electrical components. Additionally, it conducts functions such as data analysis, telemetry, and the processing of sensor data through software.



WHAT IS SHELL ECO-MARATHON?

Shell Eco-marathon is a global engineering and innovation competition designed to inspire students to apply their engineering expertise and creativity in developing cutting-edge solutions for energy efficiency. In this event, teams strive to cover the greatest distance using a designated energy source with vehicles they design and manufacture. The primary objective of the competition is to create and produce a vehicle capable of traveling the farthest distance on one liter of fuel or a specified quantity of energy.



The competition is categorized into two primary divisions:



Prototype: Vehicles that embody the future of transportation, featuring more aerodynamic and innovative designs, optimized for reduced fuel consumption.

Urban Concept: Vehicles that align more closely with contemporary urban transportation, featuring practical and functional designs.



Teams participating in the competition typically utilize various energy sources, including **electricity, hydrogen, and internal combustion engines**. The objective is to reduce fuel consumption while maximizing energy efficiency.

Shell Eco-marathon seeks to enhance the technical expertise and environmental consciousness of students, while also empowering them to contribute to future sustainable mobility solutions.





OUR ACCOMPLISHMENTS

Since 2009, Yeditepe University has been participating in the Shell Eco-marathon with our teams.



HYDRO7

Hydro7, which competed and triumphed in the European Eco Shell Marathon in 2010, is a hydrogen-fueled vehicle that resulted from two years of dedicated effort. Our car also holds the seventh position in the energy rankings.

CEREYAN7

In 2013, Cereyan7, developed by the Yeditepe Raptors team consisting of 14 members, secured second place in Türkiye and ninth in Europe by traversing 75 kilometers in the Netherlands using just 1 kilowatt hour of energy.



CEREYAN7-II

In the 29th Shell Eco Marathon competition that took place in Rotterdam in May 2014, Cereyan7-II secured ninth place in the Battery-Electric category, traversing a distance of 119.01 kilometers on 1 kilowatt hour of energy.



VISION AND MISSION

As Seven Racing, we are a racing team dedicated to promoting women's employment, prioritizing sustainability and philanthropy, and striving to create a better world for future generations. Our objective is to represent our country and university with excellence in competitions aligned with these principles.

Our mission is to harness the power of motorsport to foster positive change and integrate philanthropy into our team culture. At Seven Racing, we are dedicated to leveraging motorsport for constructive impact.

In alignment with our mission:

Sustainability

We uphold the principle of sustainability at every phase of our vehicles, embracing an environmentally conscious approach from material selection to waste management.

Innovation

By enhancing vehicle efficiency through innovative design and engineering solutions, we provide exceptional outcomes utilizing advanced materials and optimized engine systems.

Education and Awareness

We coordinate educational initiatives and events to enhance awareness by informing our community about sustainable mobility and energy efficiency.

Women in the Workforce

We promote gender equality in engineering and motorsports by supporting women's employment. We aim to inspire women to play a greater role in the industry.

Our team, aligned with this vision and mission, possesses the potential to contribute to future sustainable mobility solutions while also achieving success in competitions like the Shell Eco-Marathon.





SPONSORLARIMIZ

As the Seven Racing team, we endeavor to attain success with the backing of our esteemed sponsors, enabling us to perform at our utmost capacity and represent our nation with distinction.

As we commence this journey to surpass our limits and attain the zenith of success, our sponsors become integral to this endeavor by supporting not merely a racing team, but a movement that is shaping the energy solutions of the future.



TeknoPro



TEOS Yachting



DowAksa



Tekyaz



SOLIDWORKS



Yilmaztekin Grup



Çınarlar Motorlu
Araçlar



Ünlü Makina



Hexagon



BIAS
MÜHENDİSLİK



Karaköy Hırdavat



Würth Türkiye



FEV



CET



Karaca Makina



MTS



Felsensohn



CONTACT



yeditepesevenracing@gmail.com



Yeditepe University Seven Racing



yeditepesevenracing



Furkan Yilmaztekin
Team Leader



furkan.yilmaztekin@std.yeditepe.edu.tr



+90 (549) 719 34 33



YEDİTEPE
ÜNİVERSİTESİ

A stylized, 3D-effect logo consisting of the characters '7' and 'R' in a vibrant cyan color with a black outline. The logo is centered on a teal background. Two decorative borders of light blue and white checkered squares run diagonally across the top-left and bottom-right corners of the image.

7R

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