Pushing the Limits

More Info:
HPVDT.skule.ca

UofT Human Powered Vehicle Team

Top Speed:
123.7 km/h
76.9 mph

1ST & 3RD
in past ASME
HPV Challenges

The Human-Powered Vehicle Design Team (HPVDT) is a **student organization** at the **University of Toronto** that is focused on the design and construction of innovative, high-performance, human-powered vehicles. Our goal is to provide students with practical, hands-on experience in engineering design while promoting efficiency, sustainability and the use of human power as a means of reducing society's impact on the environment.

In order to out-perform the competition, we are constantly innovating and looking for the **best materials and products** available on the market. With a limited budget, we rely heavily on sponsorship to make these incredible vehicle designs a reality. In exchange, we offer brand advertising, general media exposure, and accommodate custom requests.

Our current focus is the design of a high-speed, aerodynamic bicycle, capable of reaching speeds well in **excess of 100 km/hr**, while still having the utility necessary for travelling safely within the city. The bike will compete in the annual American Society of Mechanical Engineers (ASME) Human-Powered Vehicle Challenge, a race specifically focused on the utilitarian aspects of the bike. As well, we will compete in the World Human-Powered Speed Challenge, where where teams from around the world attempt to set speed records on a 5-mile stretch of road near Battle Mountain, Nevada.

Letting Graeme Obree try our second-fastest bike in Battle Mountain, Nevada.

Two members showing the team's accommplishments to Premier Kathleen Wynne at the Pollution Probe Gala in Toronto.

A team picture with our Bluenose speedbike at the World Human-Powered Speed Challenge in Battle Mountain, Nevada.