

## Galactic Einsteins Robotics Team



The Galactic Einsteins Robotics Team at Worcester Institute of Technology (WIT) represents the pinnacle of student innovation and collaboration. Comprising some of our brightest young minds, the team competes in international robotics competitions, showcasing their expertise in engineering, programming, and problem-solving. Through rigorous training and hands-on experience, team members design, build, and program advanced robots, tackling complex challenges in a competitive setting. Our commitment to excellence and innovation is evident in the team's impressive achievements and their dedication to pushing the boundaries of what's possible in robotics. The Galactic Einsteins not only excel in competitions but also inspire and mentor the next generation of STEM enthusiasts, fostering a community of knowledge sharing and continuous learning

## From the Shanties to the World



The Galactic Einsteins Robotics Team at Worcester Institute of Technology (WIT) embodies an inspiring journey of determination and excellence. Originating from the humble beginnings of Zwelethemba Township, these students began their journey learning how to use a computer mouse. Within just one year, with very limited resources, they transformed into national robotics champions.



Their story is a testament to the power of perseverance and innovative thinking. Despite the challenges, the team embraced hands-on learning, collaborating intensively to design, build, and program robots that could compete at the highest levels. This remarkable rise from the slums to becoming a global robotics force showcases their unwavering dedication and passion for STEM, turning what seemed like an impossible dream into an extraordinary reality. The Galactic Einsteins continue to





inspire, proving that with grit and the right support, even the most modest beginnings can lead to world-class achievements.

### International Models

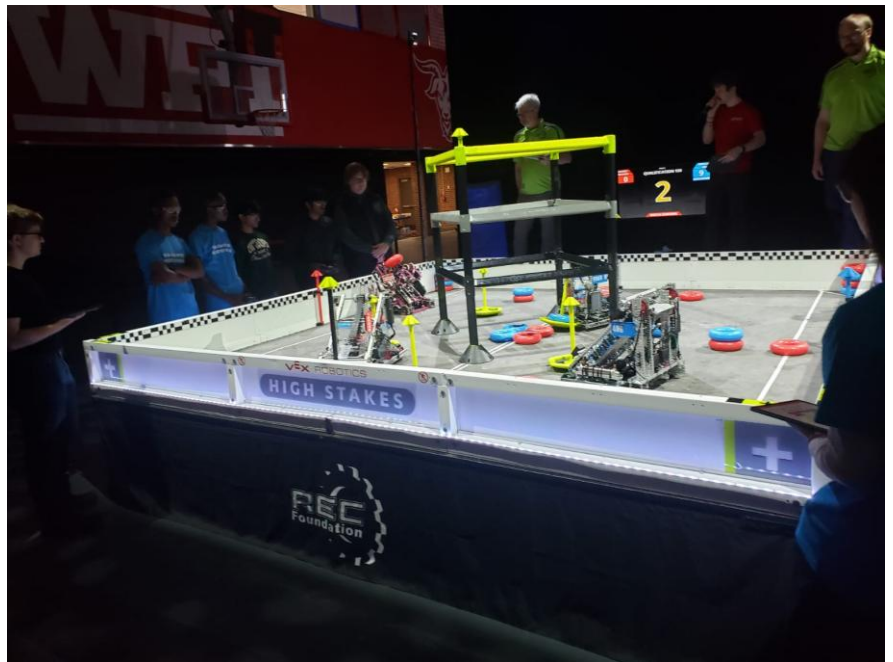
After winning the South African National Robotics Championship, the Galactic Einsteins had the honour of competing in Boston's WPI First Lego League International Open Robotics Championship in USA and the prestigious Maryland Tech Invitational at Johns Hopkins University APL in Baltimore in 2023. These experiences on the international stage have further fuelled their passion and drive.



The team is currently working on ground-breaking projects set to be unveiled soon, promising to push the boundaries of robotics and innovation even further. Check out their USA Robotics Championship Documentary journey here: <https://youtu.be/4Iw9teMSHfE?si=xx3bPm5XZBrC3IyJ>



In 2024, the Galactic Einsteins have been invited to host the Blantyre City STEM Explosion in Malawi, and in 2025, they have also been invited the Abia State STEM Exposition in Nigeria. At these events, they will train and inspire over 5,000 students in each location, introducing robotics and showcasing their ingenuity. They will also donate sanitary pads to girls, empower local communities through STEM education, advocate for STEM initiatives with policymakers, and host the first-of-its-kind robotics tournaments in those nations. We invite you to support the Galactic Einsteins, as your contribution can help these extraordinary young minds continue to reach new heights and inspire future generations.



**Galactic Einsteins Robotics Team: VEX High Stakes 2024: Worcester  
Massachusetts, USA**



## 1. Contact Us

Facebook: <https://www.facebook.com/profile.php?id=100076178081625>

Youtube: <https://www.youtube.com/@Worcester-Institute-of-Tech/videos>

LinkedIn: <https://www.linkedin.com/company/worcester-institute-of-technology/?viewAsMember=true>

TikTok: <https://www.tiktok.com/@zwelethembahighst? t=8n7nZumv0Mw& r=1>