



Hello,

We are **ORBIT 1690**, the robotics team of “Cramim Binyamina” high school.

Since 2005 we've been participating annually in the FIRST Robotics Competition. FIRST is an American non - profit organization, their objective is to draw high school students to engineering and technology fields through participation in robotics competitions. There are about 6000 teams around the world that take part in this competition every year. FIRST is sponsored by some of the largest tech organizations in the world, including NASA, Lockheed Martin, Motorola, Apple, Boeing, General Motors and many more.

Every January, at the beginning of a new competition season, a new challenge is revealed. From that moment, our team, **ORBIT 1690**, that consists of 43 high school students (ages 16-18), is responsible for designing, building and coding a robot, within a short period of time, to compete in this challenge.

That robot will then compete against other Israeli robotics teams, followed by an international championship.

Throughout the season the team members acquire skills that help them in the future, to become the next generation of engineers. Hundreds of FIRST alumni go on to develop new startups and lead in the high-tech field.

The estimated operating cost of our team is around 150,000 USD per year. The budget includes registration fees, purchasing of equipment and parts to build the robot, and the participation fees for the competitions in Israel and abroad.

Our robot from 2020



The team in the world championship





Our team kept progressing every year thanks to the support of our sponsors. We would be extremely grateful if you also choose to join us as a sponsor.

By sponsoring us you will benefit of:

- Exposure to a national and international community consisted of hundreds of thousands of people.
- Your company logo printed on our shirt, and for donations over 8,000 dollars - your logo printed on our robot.
- Exposure to our followers on social media.

Our achievements in the past few years:

2015 - First place in the Maryland championship, and 16th place in the world championship.

2016 - Israel champions and 2nd place in the world championship.

2017 - Competed in the world championship and ranked 1st in our subdivision.

2018 - Competed in the world championship and ranked 2nd in our subdivision.

2019 - First place in the Israeli championship, qualifying to the world finals and competing in IRI - a competition that only high achieving teams are invited to attend.

2020-2021 - First place in five different off-season competitions in Israel and a crushing victory in the Chezy Champs competition in California that only the leading teams in the world were invited to attend.

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Team's website: <https://www.1690orbit.com/>