

COSMOS GRAVITY

BAHCESEHIR COLLEGE
SCIENCE AND
TECHNOLOGY HIGH
SCHOOL (NEW)

HOMETOWN
TURKEY/ISTANBUL
5093 miles [8197 km] to
championship destination

ROV SPECS

- **Weight: 5,9 kg [130 lbs]**
- **Length: 51 cm [20 inch]**
- **Height: 40 cm [15,7inch]**
- **Widht: 55 cm [21,6 inch]**
- **Total Cost: \$1250**
- **Time Spent: 6000 hours**

SPECIAL FEATURES

- **Biomimicry method was used while designing the chassis of our ROV**
- **Robotic arm which can grasp things**
- **A camera which can rotate**
- **ROV can move to roll, pitch and yaw axes**
- **Flex filament is used in the wings of the ROV to mimic the swimming patterns of stingrays**

SAFETY FEATURES

- **No sharp edges on the chassis of ROV**
- **Electronics made waterproof with acrylic tube**
- **Shrouds on propellers**

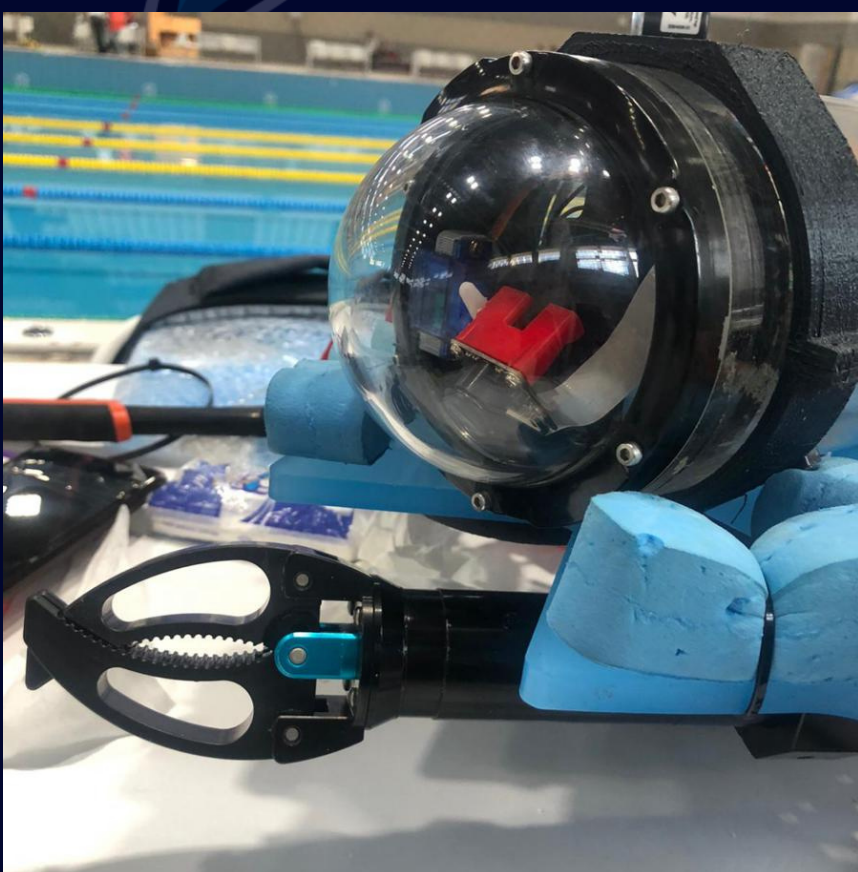


Photo from Teknofest 2020

COMPANY MEMBERS

- **Aslı Gonul ANSEN**
- **Zeynep KESKINER**
- **Rozem Dila AYDOGDU**
- **Ali TRENOVA**
- **Bora BAYSAL**
- **Koray KOCA**
- **Cemil BARUT**
- **Alp Ethem OCAL**
- **Kaan KOZAKLI**

**Batuhan Ekin
AKBULUT**

ALL MEMBERS ARE NEW

CEO	11 th grade
Mechanic Engineer	11 th grade
Electronic Engineer	11 th grade
Marketing	11 th grade
Mechanic Engineer	10 th grade
Software Engineer	10 th grade
Mechanic Engineer	9 th grade
Electronic Engineer	9 th grade
Software Engineer	9 th grade

MENTOR



Photo from: Teknofest 2020

this photo does not include all company members because of corona pandemic