



TECXOTIC

Undergraduate students & three high school students



Mentor: Master David García

MEMBERS:

Enrique Carvajal '18
 Miguel Figueroa '18
 Esteban Segura '18
 Carlos Guevara '18
 Erick Velazquez '17
 Ariel Posada '16
 Erick Olivar '17
 Oliver Santos '18
 Andrés Valle '18
 Erick Zazocoteco '18
 Jorge Chavarín '18
 Raúl Sánchez '18
 Gabriela Castro '19
 Leví Carbellido '19
 Catherine Zafra '18
 Emma Vadillo '19
 Alfonso Gómez '17

Chief Executive Officer
 Mechanics design Lead
 Programming Lead/Pilot
 Programmer
 Programmer
 Software Engineer
 Electronic Engineer
 Electronic Engineer
 Mechanical Designer
 Mechanical Engineer
 Electronic Engineer
 Mechanical Designer
 Mechanical Engineer
 Safety Officer
 Marketing Lead
 Mechanical Engineer
 Sponsorships

High School Students:

Hilda Rojas '18
 Edgar Quiroz '18

Manufacturing Lead
 Programmer

COMPANY SPECS

- Tecnológico de Monterrey
Campus Cuernavaca,
Xochitepec, Morelos, México.

- ROV Cost: \$3,648.48 USD
- Second Time Participation



ROV SPECS

Name: Zeus
 Approx. weight in air: 10 kg

Safety Features:

- Electronic box connectors (crimped and additionally isolated with Epoxy)
- Claw and camera motors (sealed with a 3D printed case, isolated with Epoxy)
- Humidity sensor on the electronic box

Special Features

- Friendly data communication
- High processing performance
- Custom 3D printed parts
- Modular design (exchangeable tools)
- GoPro Camera
- Wooden plate