



Company Specifications Sheet (Robo-Tech Co.)

جامعة الإسكندرية
ALEXANDRIA
UNIVERSITY



Alexandria, Egypt



Company Members

Yosef Abd Al Fatah	'19	CEO
Ameera Mahmoud	'19	Vice CEO & CFO
Mohamed Ahmed	'19	Mechanical Team Head
Ziad Hisham	'19	Electrical Team Head
Alaa Salah Younes	'19	Software Engineer
Mostafa Ali	'19	Electrical Engineer
Donia Mohamed	'19	Design Engineer
Nour Abd Elkawy	'20	Design Engineer
Karim Ibrahim	'21	Electrical Engineer
Mostafa Saber	'19	Mechanical Engineer
Emad Ayman	'20	Mechanical Engineer
Ahmed Said	'21	Electrical Engineer
Hassan EL-Seoudy	'20	Software Engineer
Saad Mohamed	'20	Software Engineer
Amr Khaled	'21	Hardware Engineer
Omar Mossa	'21	Hardware Engineer
Omar Essam	'21	Hardware Engineer
Marwa Emara	'22	Design Engineer
Shahenda Ayman	'21	Design Engineer
Somaya Yasser	'21	Design Engineer
Yasmeen Yousrey	'21	Analysis Engineer
Ali Nabil	'21	Fabrication Engineer
Mohamed Magdy	'21	Analysis Engineer
Karim Aly	'22	Analysis Engineer
Khaled Mahmoud	'21	Fabrication Engineer
Hicham Mohamoud	'21	Fabrication Engineer



ROV Specifications

ROV Name:	Megalodon
Total Cost:	4580\$
Dimensions:	60cm*60cm*54cm
Total Speed:	0.5 m/s
ROV Mass:	11 kg
Tether Mass:	4 kg
Material Used:	Aluminum
Company Time:	At least 1500 man-hour
Distance Traveling:	10,817 km
Company History:	Fifth Time to Participate in Mate ROV Competition
Safety Features:	<ul style="list-style-type: none">• Safety labels are used properly.• Fuses are used to prevent overcurrent.• Shrouded thrusters.
Special Features:	<ul style="list-style-type: none">• Sensors including pressure, temperature, and PH sensor.• Six thrusters that provide all necessary degrees of freedom.