

Titans Robotics

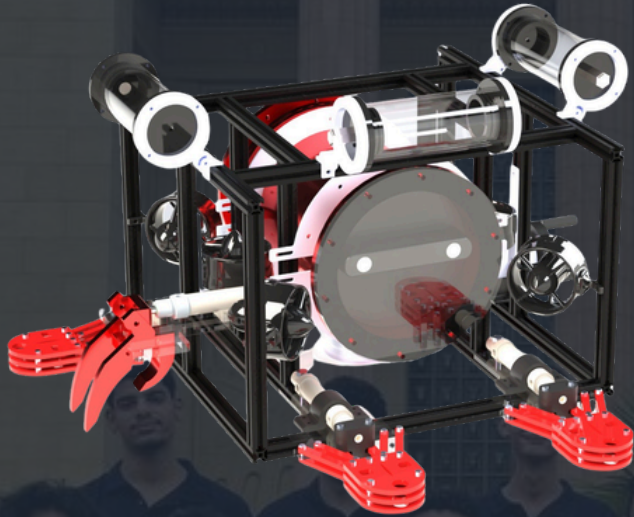


Figure1. : GLACIUS , Rendered from Solidworks by Nour hassanein

Distance : 7,290 Km

GLACIUS

REDEFINING WHAT'S POSSIBLE
BENEATH THE SURFACE

Total Cost: 6463\$ USD / 8887\$ CAD

Total Mass in Air: 17.8 KG

Overall Dimensions:

X: 830 mm Y: 720mm Z: 400mm

Primary Material: Aluminum

Total Hours: 4450 hours

SAFETY FEATURES

- Fuses & Kill switch
- Internal Cooling Fan
- Shrouded Tether with Protective Holder
- Waterproof Enclosures up to 50m
- Vehicle Manual Arming Protocol
- Deburred Edges
- Thruster Guards

SPECIAL FEATURES

- Advanced Control System with NVIDIA jetson nano & Pixhawk, providing robust vehicle control and various flight modes
- Yester - Unified and Customizable GUI (Multi-Device Support, Modular Design and User-Friendly Interface)
- Real time 3D modelling , precise depth map via a ZED2i camera with servo-based adaptive viewing
- Four Manipulators enabling simultaneous handling of multiple tasks with high efficiency



Figure 2. Titans Robotics Photo By Abdullah Fawzy

ALEXANDRIA, EGYPT
YEAR COMPETING: 11TH YEAR

SUPERVISED BY
Dr. Abdelrahman Ismail

COMPANY STRUCTURE

SOFTWARE ENGINEERS

28' Marwan Eltete CEO
27' Hamdy Ahmed CFO
27' Youssef Emara FM
27' Ali Ahmed CV/ML Lead
29' Mohamed Ashraf Control Lead
28' Youssef Mohamed Float PM
28' Yassin Khaled TDR & PR Lead
27' Salma Hassanien Media Lead
27' Ammar Elsaadany*
27' Aya Aziz*
27' Fajr Muhammad*
28' Abdelrhman Hazem*
28' Ahmed Hany*
28' Amr Kenawy*
28' Farah Fawzy*
28' Jana Mehanna*
28' Tasneem Ashraf*
28' Mariam Elshamy*
28' Mostafa Elshafey*
28' Abdelrahman Nabil*
29' Rodina Ghazaly*

ELECTRICAL ENGINEERS

29' Saif Tabouna FM
27' Ahmed Fawzy*
28' Mohamed Samir*
29' Ahmad Abdelghany*

MECHANICAL ENGINEERS

30' Nouraldeem Hassanien FM
26' Ahmed Hatim*
26' Seif Elsayed*
27' Mohamed Hany*
27' Yousab Youssef
28' Ahmed Farouk*
28' Mohamed Youssef*
28' Saifeldeen Khafagi*

MENTORS

Abdelrahman AbouKlila	Ahmed Fathy
Abdelaziz Yousry	Asmaa Aboshadi
Mahmoud Reda	Mazen Sakr
Moustafa Hala	Esmail Salah
Abdelrahman Essam	Ahmed Kamel
Ali Moenes	Maryem Mohamed
Mustafa Mohamed	Omar Ahmed

Graduation Year

*Denotes New Members

*HS : High School

FM : Functional Manager

TDR : Technical Documentation and Reporting

PR : Public Relations