Travel distance: 11803 k.m

SPECIAL FEATURES:
- Stereo vision
- PID controller
- Six thrusters that provide all necessary degrees of freedom
- Compact size and lightweight
- Pressure sensor
- Pneumatically actuated gripper
- Four cameras for the vision system

ROV SPECS:
- Name: MV BEE
- Total Mass in Air: 19 kg
- Primary Materials: PMMA, PA type 6, PLA and Polyethylene
- Total ROV Cost: $4,338
- Total rov design person-hours: at least 210 hours per person

SAFETY FEATURES:
- No sharp edges.
- Fuses are used for the main rov
- Water detection sensor to detect leakage
- All thrusters are shrouded with meshes that meet IP20 standard
- Pressure of the pneumatic system is regulated below 2 bars

COMPANY NAMES

MECHANICAL TEAM
- George Sherif - New / Term 6 - Leader
- Mazen Mohamed - Pilot - New-Term 6
- Omar Mohamed - New - Term 6
- Ahmed Khaleed - New - Term 6
- Ahmed Tarek - New - Term 4
- Omar El Sherif - New - Term 8
- Mohamed Fouad - New - Term 6
- Mostafa Osama - New - Term 8

SOFTWARE TEAM
- Mohamed Salem - CO-Pilot - returning - term 10
- Mai Allam - Leader - New - Term 4
- Mariam Garges - New - Term 4
- Shaymaa Samak - New - Term 4
- John Samir - New - Term 6
- Shady Hany - New - Term 8
- Mariam Elsamni - New - Term 4
- Ali Zaitoon - returning - term 8
- Islam Weal - returning - term 8
- Mohamed Ali - returning - term 8

ELECTRICAL TEAM
- Thomas Garges - New / Term 6 - Leader
- Maryam Mohamed - New - Term 8
- Mina George - New - Term 6
- Mina Salah - New - Term 6
- Mary Anis - New - Term 8
- Mariam Osama - New - Term 8

BOARD
- Nada ismail - Software - CEO - New - fresh grad
- Ziad Ahmed - Software - returning - term 8