



COMPANY SPEC

- **10th Year** Competing in MATE ROV
- **12,175 km** to Travel from CITYUHKUR LAB to Newfoundland

Management

Sit Yan Tung (Year 4)	CEO
Wong Tsz Hong (Year 2)	COO
Kong Pak Hei (Year 4)	CFO
Lo Tsz Chung (Year 3)	CTO
Lui Cheuk Lam (Year 4)	CMO
Mak Nok Hin (Year 3)	Safety Officer

Mechanical Engineers

Cheung Pui Lam (Year 3)
Gracia Catalina Susilo (Year 2)
Helena Gabrielle Susilo (Year 1)
Jin Zi Chen (Year 2)
Joe Anthony Kar Tong (Year 1)
Maximillian Nicholas Hendrawan (Year 2)
Tsang Hing Lai (Year 2)

Electrical Engineers

Carlos Berlin Arifin (Year 2)
Kwok Shing Tung (Year 2)
Lee Ka Fai (Year 1)
Li Yu Sum (Year 1)
Mok Kit Long (Year 2)
Tse Ka Ho (Year 3)

Software Engineers

Emmanuelle Sebastian Sanjaya (Year 2)
Joseph Anggono Kurniawan (Year 2)
Latisha Besariani Hendra (Year 4)
Pun Ming Ho (Year 1)
Zachariah Muya Kapya (Year 3)

Supervisors

Prof. Cheung Chak Chung Ray
Prof. Kang Wen Bin Kelvin
Prof. Ho Ching Pang Clint

Mentor

Guo Run Zhou
Wei Zhi Rui
Xu Jia Hao

ROV SPEC

Name: Thunderbolt

Building Time: 2500 hours

Total Cost of ROV: USD \$6048.30

Dimensions (L * W * H): 65cm * 65cm * 36cm

Weight: 18.7kg



ROV Special Features

- 3DoF Gripper
- Depth hold 6DoF
- Adjustable gripper force
- Neutral buoyant tether
- Dynamic brightness lighting
- Modular Mechanical & Electronic Structure

Safety Features

- Fail-Safe System for easy retreat of ROV
- Dual protection circuit on the power system
- Kill box for emergency shutdown
- No sharp edges exposed
- Eye-catching labels on moving or hazardous objects