

MARINE CONSERVATION PIONEER SPEC SHEET

TEAM

9,238 km from UAE to Newfoundland

3rd

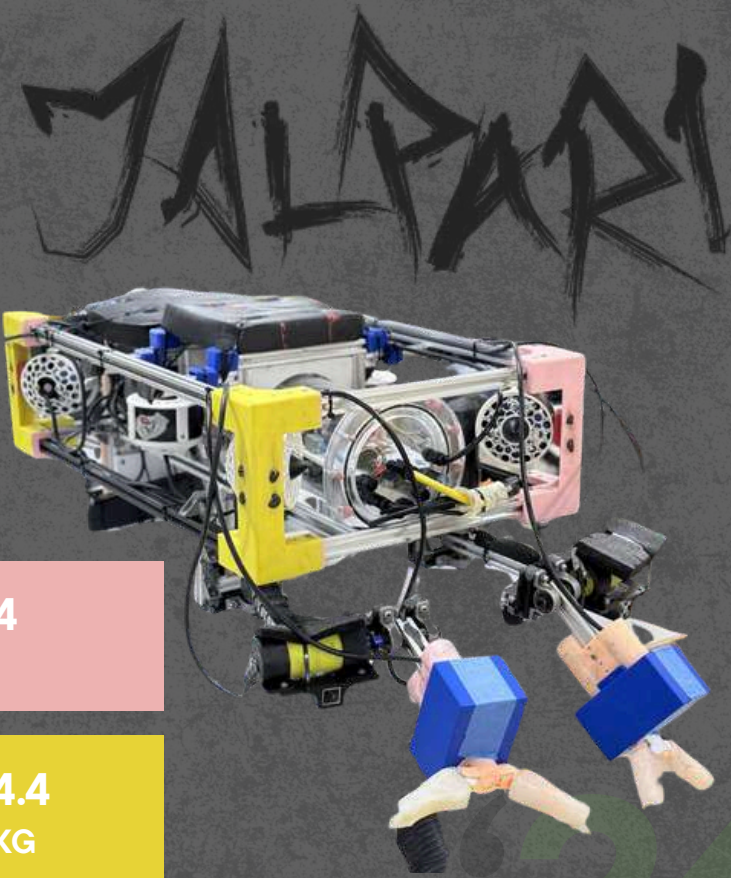
Year MATE
Returning Team

6500
BUILD HOURS

92 x 42 x 34
L x W x H cm

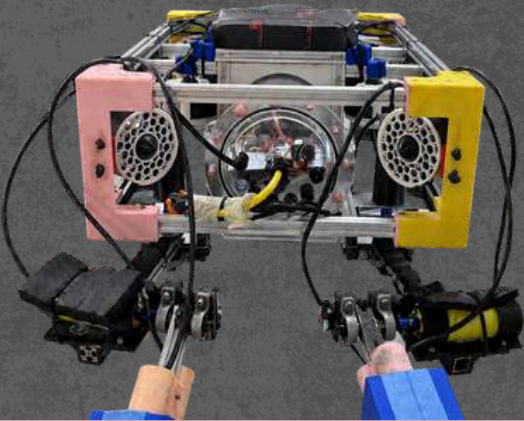
\$4000
TOTAL COST

24.4
KG



SAFETY FEATURES

- Emergency Stop Mechanism
- Collision Avoidance Systems
- Propeller Guards
- Tether Strain Relief
- Fault Isolation Design
- Emergency Surface Mode



SPECIAL FEATURES

- Dual 3-DOF Manipulator Arms
- Custom Silicon Grippers
- Up to 30m Depth
- 5 DOF of ROV
- Surface Control Station
- 5 HD cameras

JALPARI COMPANY SPECS

Mentors: Jerin Jose, Suresh Balakrishnan, Vyshak Sureshkumar

ELECTRICAL

Medwin Sajan-----Elec Head (Year IV-Returning) / **CEO**
Bejoy Sajith----- (Year II - New) / **Pilot**
Mohammed Adnan Khan----- (Year II - New) / **CTO** / **Co-Pilot**
Dhruv Madhu----- (Year II - New)

MECHANICAL

Ehshaanya Gujuran-----Mech Head (Year IV - Returning) / **CME**
Melvin Sajan----- (Year II - New)
Aaron Thomas George----- (Year II - New)
Maveesha Vadivel Sugumar----- (Year II - New)
Ashwat Sukumar----- (Year II - New)

SOFTWARE

Mohamed Maahir----- (Year IV - New) / **CSO**
Gloria Padamati----- (Year II - New)

FLOAT

Mohamed Hanif----- (Year IV - Returning)
Syeda Maizah----- (Year IV - Returning)
Mohammad Moinul----- (Year III - Returning)
Mohammed Arfath----- (Year II - New)

