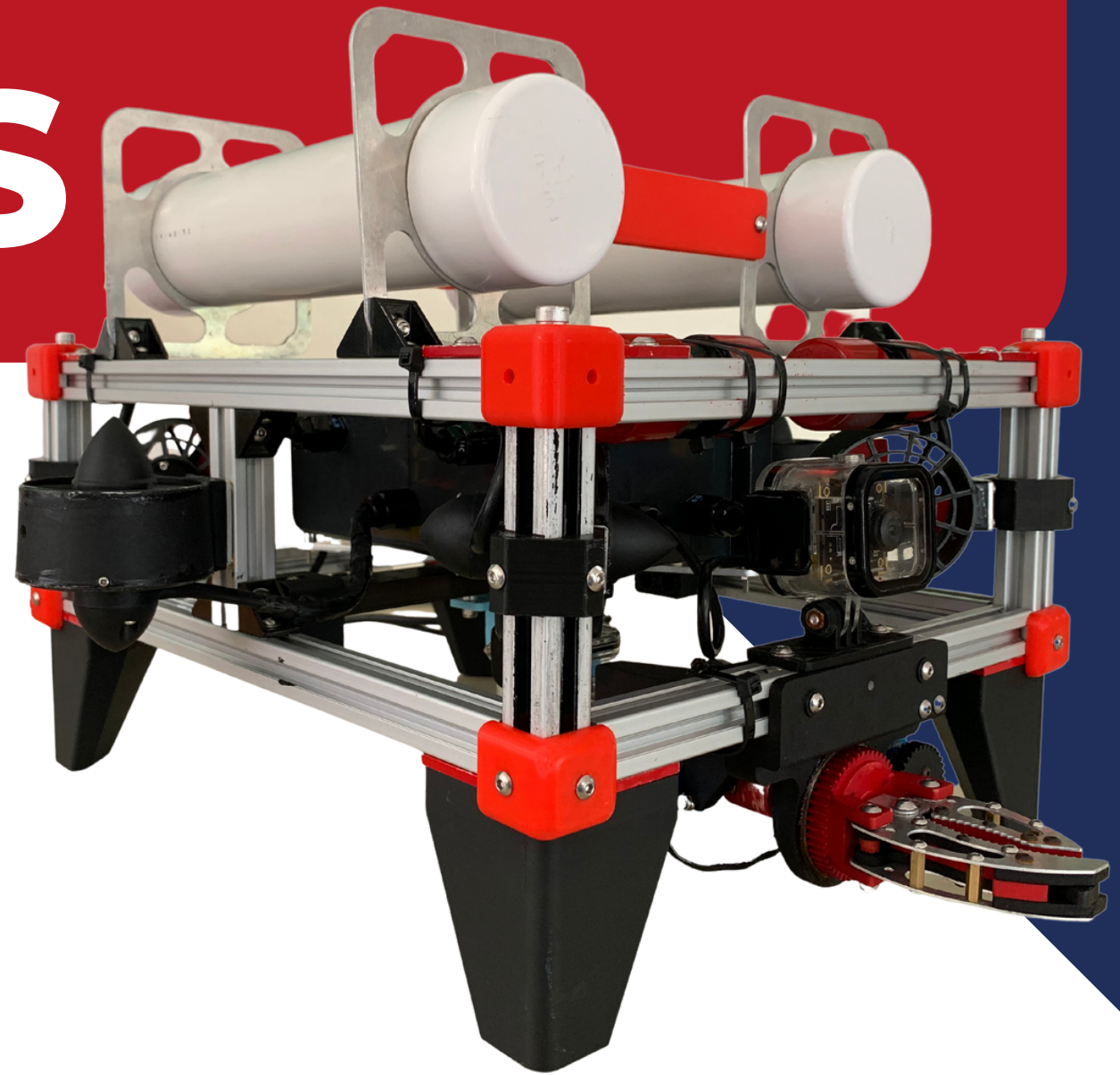




ORCA ROBOTICS



MEMBERS



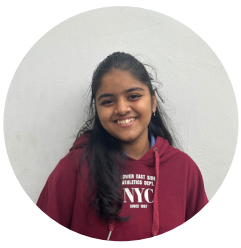
Madhav Lodha



Aayushi Verma



Dhruv Sharma



Sanika Sonpethkar



Yash Singhal



Aarav Jayapalan



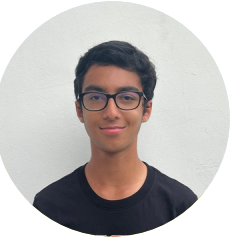
Apurva Aggarwal



Anisha Yadav



Arush Rastogi



Kabir Gupta



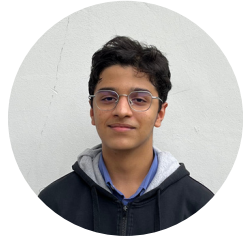
Arshad Shiju



Viraj Malhotra



Tagore Gadela



Yohaán Master



Anwasha Putatunda

NAME: RED V

HEIGHT: 34cm

COST: \$1485

WIDTH: 32.5cm

WEIGHT: 6.2KG

LENGTH: 47.5cm

COLLECTIVE TIME: 4500 hours

SPECIAL FEATURES

MODULAR

ROTATABLE AND POWERFUL MANIPULATOR

PIVOTAL BUOYANCY TUBES FOR PAINLESS ACCESS TO THE ELECTRONICS

VECTORISED THRUSTERS FOR 6 DEGREES OF FREEDOM
AUTONOMOUS NAVIGATION

ADVANCED VISION RECOGNITION

DEPTH SENSOR FOR AUTOMATIC ALTITUDE CORRECTION

2 HD 1080p CAMERAS

SAFETY FEATURES

TETHER STRAIN RELIEF (CONTROL STATION AND ROV)

IP20 RATED SHROUDS ON THRUSTERS

WATERPROOFED COMPONENTS USING WETLINK PENETRATORS AND BOPLA BOCUBE

DEPTH SENSOR, MATE FLOAT AND ROBOT HAVE 2AMP, 3AMP AND 25 AMP FUSES RESPECTIVELY

EMERGENCY STOP BUTTON IN CONTROL STATION AND SOFTWARE

BUMPERS ON ALL EDGES OF THE ROV