



MATE ROV WORLD CHAMPIONSHIP 2026

Science, Technology & Discovery

COMPANY SPEC SHEET

The Orcas



COMPANY No XX	CLASS EX PN RN NV SC	COMPANY NAME The Orcas	JUDGE TBD
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COMPANY SPECS

COMPANY / SCHOOL · ORG The Orcas · Independent

HOME STATE / COUNTRY Karnataka, India

DISTANCE TRAVELED 11,700 km

MATE HISTORY First-time competitor

GRADE LEVELS REPRESENTED Grade 6 · 8 · 9 · 10 · 11 · 12



CREW · NAMES & ROLES

Tanmay Namburi

3D Design Lead

GRADE 8

Rohan Mishra

Technical Documentation & Marketing Lead

GRADE 9

Daksh Singh

CTO & Arm Design Lead

GRADE 12

Anvay Varshney

CEO & Electrical Lead

GRADE 10

Ayansh Paliwal

Camera Vision Lead

GRADE 9

Udbhav Vasudevan

COO & ROV Design Lead

GRADE 11

Udheer Vasudevan

Machine Specialist

GRADE 6

ROV SPECS

ROV NAME Orca

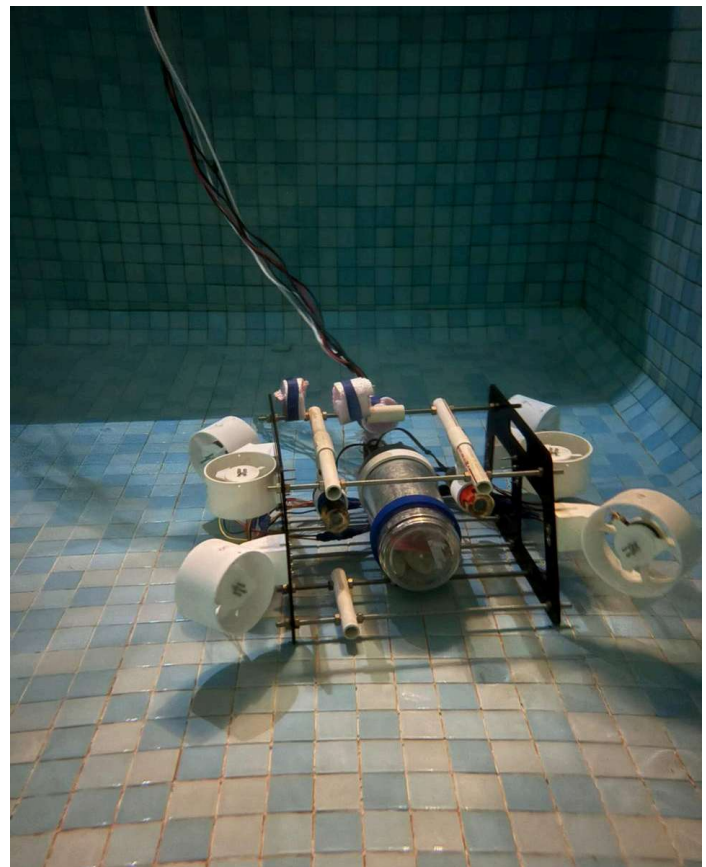
TOTAL COST \$217 USD

SIZE (L×W×H) 31 × 40 × 26 cm WT. 6.4 kg

STUDENT-HOURS 500 hours

SAFETY FEATURES 25A main fuse · Two 5A branch fuses · Tether strain relief (ROV-side & shore-side) · Waterproofing via electrical tape, O-rings, silicone, epoxy & hot glue

SPECIAL FEATURES Dual camera system · PVC pipe-based camera mount (repositionable) · Servo-motor actuated clamp arm · Versatile PVC tool mount (accepts interchangeable hooks & tools)



ORCA — THE ORCAS' 2026 MATEROV COMPETITION VEHICLE