

MIZUCHI VODY

Specifications sheet

History: First participation in MATE International
Distance to international Competition: 9,070 km

ROV Specifications:

Company Name: Optimus SAMOY

Robot Name: Mizuchi Vody

Cost: \$ 768.00

Dimensions: 40 cm x 30 cm x 20cm

Total number of working hours: at least 2500hours



Safety Features:

Fuses

Electrical components are secured
in a waterproofed container

Non-corrosive material

Propellers protected using a nozzle

No sharp edges

No onboard batteries

Special Features:

Vehicle shuts down in case of water
leakage

Software limits thrusters speed for
less amperage draw

Tools specifically designed to carry
out specific tasks

Thrusters controlled by joystick

Members List:

Oumaima Lamaakel *CEO Chief Mechanical Engineer - Pilot*

Jade Elhaimer *CTO Mechanical Engineer - Tether Man*

Yassine Charouif *CFO Mechanical Engineer - Mathematician*

Nizar Sabbar *Electrical Engineer - Mathematician*

Maryam Adwan *Electrical Engineer*

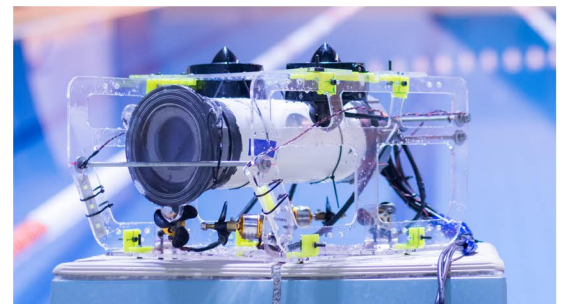
Reda Benaddou Idrissi *Mechanical Engineer*

Mohamed Aghzal *Software Engineer*

Salma El Ghayate *Software Engineer*

Farouk Lemyesser *Software Engineer*

Maha Naamaoui *Head of communication*



Mentors:

Dr. Yassine Salih Alj *Associate Professor of Engineering*

Dr. Kevin Smith *Associate Professor of Computer Science*