

A U I

MECHATRONICS LAB

Made by Anass Erroummati



Who are we ?

The Mechatronics Lab is a student-led organization that offers a symbiotic environment for student ideas and initiatives to thrive in so as to generate meaningful impact on Al Akhawayn University and the community surrounding it. Through our projects, we aim to best represent AUI, nationally and internationally, and contribute to AUI's success by showcasing what AULers are capable of doing. We aspire to become AUI's locomotive for change and impact through a successful partnership with the school of science and engineering, that aims to further improve the student's practical experience.

Mechatronics Lab



OUR VISION

Impact

We want the Mechatronics Lab to leave its mark on the AUI community, by providing a framework for students' projects, and by benefiting the community with these projects.



Legacy

We envision the Lab to be an experience that old members look at with a proud sense of belonging, and new members with excitement for what the future holds for them.



Collaboration

We aim at further collaborating with SSE to provide the best engineering experience to its members, as well as with external entities that will allow us to broaden our horizons.



OUR VALUES



Creativity and Innovation

We believe in the power of fresh and odd ideas and we strive to make them our invisible guiding hand in all our activities.



Collaboration and team spirit

Team spirit is one of our most important values. We strive to maintain and enhance a distinct work culture, encourage assistance and mentorship, and capitalize on the pride that comes with being.



Empowerment

We exist to empower students into believing in themselves and in their capabilities. We are encouraging the free flow of ideas and we are opening our doors to all suggestions.



Productivity and Effectiveness

Our objective is to be productive and effective in our work to ensure good quality work deliverability.



Winning

Our team is focused, result oriented and eager to win.

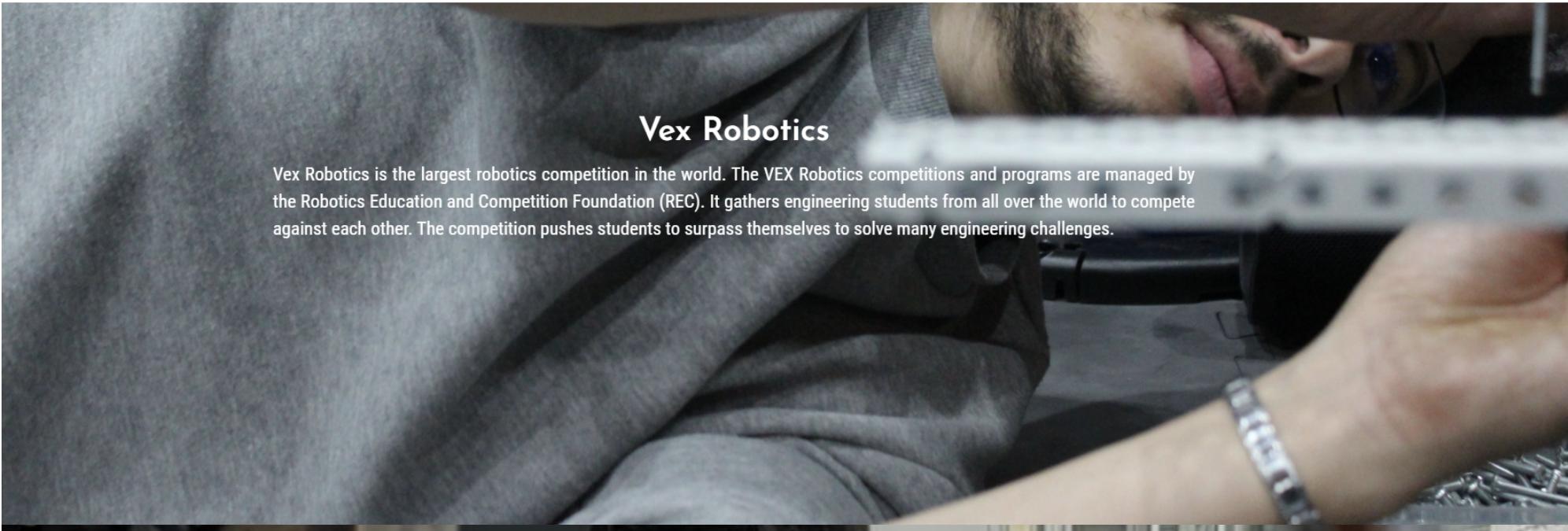


HARD WORK

We believe that hard work is the key for success and winning. For that reason, we are giving our best into achieving the best results.

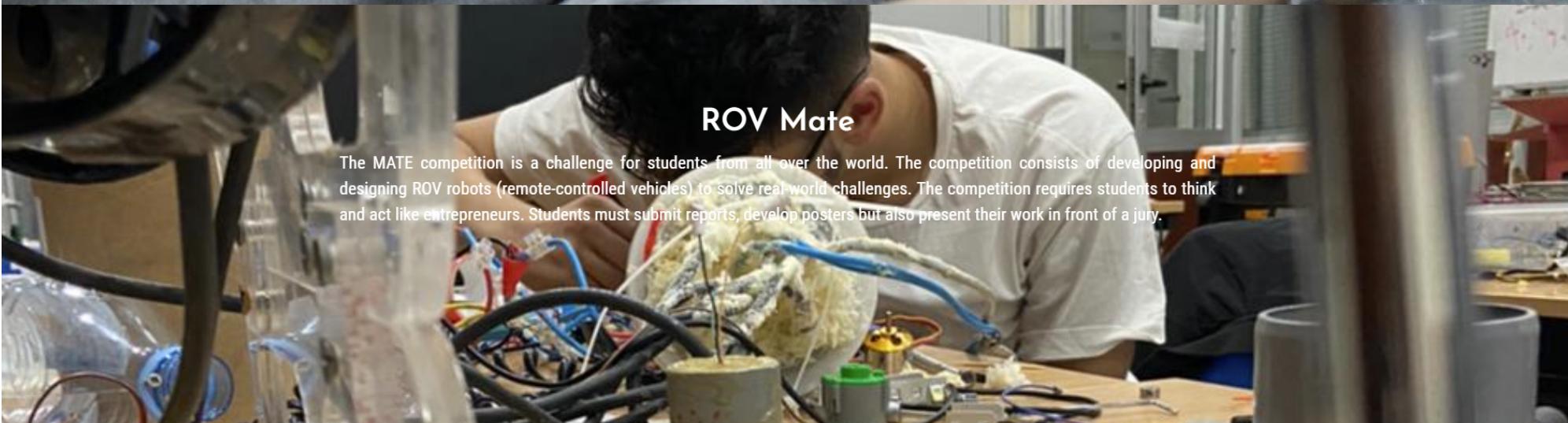
ROV MATE - VEX ROBOTICS

Our team took this year's challenge to another level. Indeed, we are participating this year in two main international competitions ROV Mate and VEX Robotics.



Vex Robotics

Vex Robotics is the largest robotics competition in the world. The VEX Robotics competitions and programs are managed by the Robotics Education and Competition Foundation (REC). It gathers engineering students from all over the world to compete against each other. The competition pushes students to surpass themselves to solve many engineering challenges.



ROV Mate

The MATE competition is a challenge for students from all over the world. The competition consists of developing and designing ROV robots (remote-controlled vehicles) to solve real-world challenges. The competition requires students to think and act like entrepreneurs. Students must submit reports, develop posters but also present their work in front of a jury.

OUR ACHIEVEMENTS

ROV 2017

ROV 2018

VEX 2020

VEX 2020

VEX 2021

VEX 2020 NATIONAL CHAMPIONS



MECHATRONICS LAB MANAGEMENT TEAM



ANASS ERROUMMATI

Software | Electric Circuits Team



ZINEB SALMA BAHRI

Hardware | Electric Circuits Team



ANISS ELWISSI

Hardware Team



MOHAMED EL KADIRI EL HASSANI

Software | Electric Circuits Team

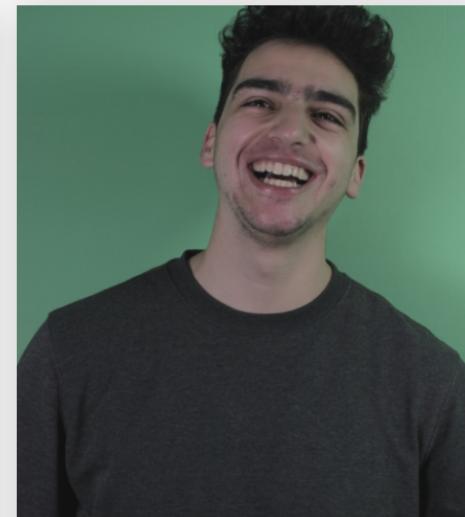
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HASSAN AMHARECH

Hardware Team

[Click To View More ▾](#)



ANASS ZOUINE

Software Team

[Click To View More ▾](#)

CONTACT US

Lets get in touch. Send us a message:



Al Akhawayn University, Ifrane. Morocco



Phone: +212 655541076 | +212628244373



Email: Mechatronics@aui.ma

