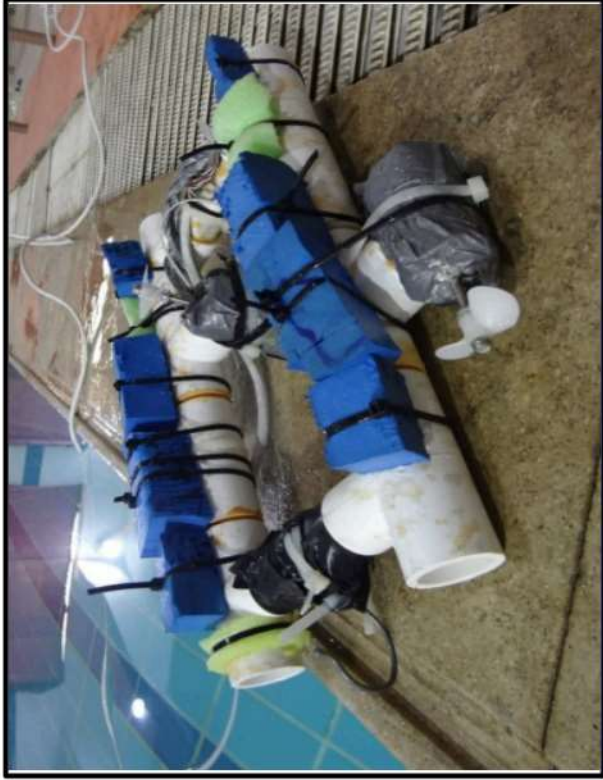


TEAM SOVEREINS

Noor Language School ,Cairo, Egypt



HS-STOCK

SeaPerch Design

(100 words
MAX)

Overview: This ROV design was arrived at by the team after several tests and modifications to other designs, extracting the advantages from each design and combining them into one design after studying all the factors affecting the vehicle's performance. This flat design, which is hollow from all sides, depends on the passage of water inside it, which reduces the area facing the water, and this will lead to improving its speed and ability to maneuver around obstacles.

1 Years participating in SeaPerch

1 Times at the International SeaPerch Challenge

Our SeaPerch is unique (100 words MAX)

because: unique as it aims to redefine innovation and quality in its field by setting new standards for use, reliability, and flexibility. Although Sovereigns see the ROV as a technological accomplishment, they also value the valuable contributions of other researchers and support the concept of continuous improvement in the field of underwater robotics. Feeling amazed by this acknowledgement, Sovereigns continue to be committed to continuous improvement, working to improve the capabilities of the ROV and address any shortcomings for increased effectiveness in underwater exploration and inspection.

Our biggest takeaway this season is: (100 words MAX)

As a result of this experience, team members were able to collaborate more effectively. In particular, the team learned how to construct a robot with an appropriate weight, size, and shape to suit its needs in the competition. This helped them gain engineering skills, particularly in robotics engineering, and they looked forward to future advancements and creative solutions to real-world issues.