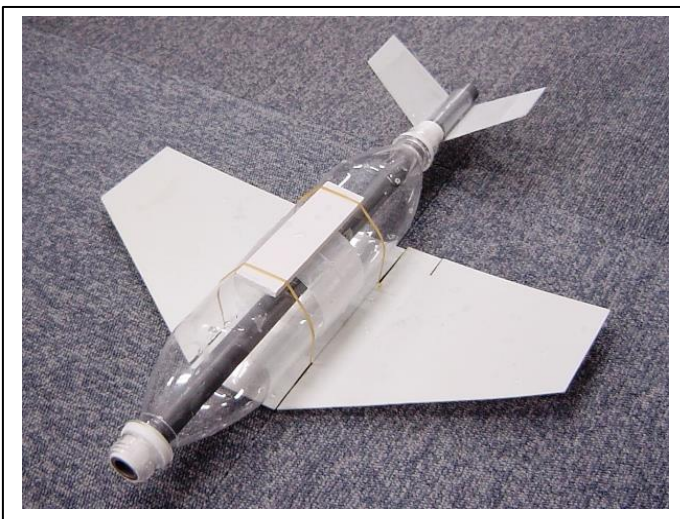


Ocean Mechanical Engineering

We study about robot programing, making the underwater gliders, and ocean development. For example offshore wind power generation, and wave power generation.

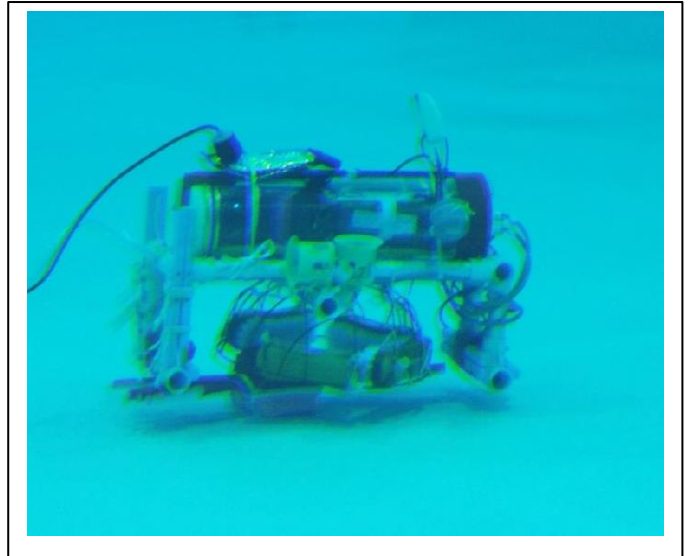


This picture is a floating wind power generation plant. We are studying about these marine developments. Other than that wave power generation, building marine research ships, marine resources such as methane hydrate and underwater robots. I am making underwater robots in the laboratory I belong to. In this way we are studying how to use the sea efficiently in the department to which we belong to.



This picture is an underwater glider. It was made by me. The material is a plastic bottle, plastic board, pipe and rubber bands. This class was a compulsory subject. We made it with two pairs. After completion, we tested who's the glider went the furthest. Regrettably, I was third.

We grasp the robot from the viewpoint of control engineering, understand the fundamental method common to robots by learning about robot control, sensor technology and control, and intelligent technology. We learned the types of robots, and use a computer to write programs for robots. The robot will move only if the correct program is entered.



Website names and URLs where you researched some information

<https://www.nippon.com/ja/views/b01506/>

write your group member's names here