RoDEP　(Japan)

Disaster Robotics Category
インフラ・災害対応カテゴリー

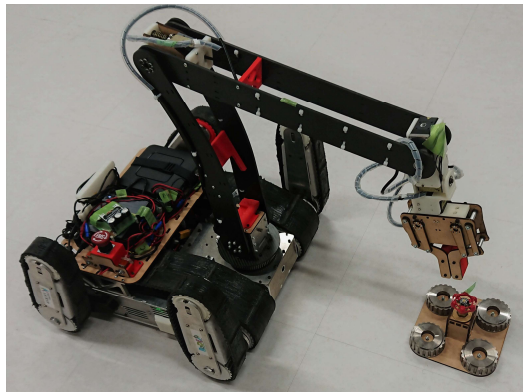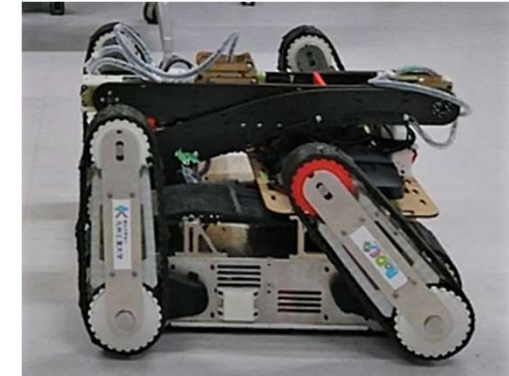## Development point

We built the robot with an emphasis on low center of gravity and power. The robot's skeleton is made of aluminum, which is very sturdy and the center of gravity is underneath, making it difficult to fall over even on slopes and uneven roads.
In addition, the arm is over 1m long and can be folded compactly.


Introduction of your team

【Inspiration, motivation to form a team 】
When the early members entered the university, there was no club activity to build a real robot at the university. So they formed the RoDEP.
　【Future outlook】
We plan to build a new robot with improved performance.

Role	Name	Affiliation/Title	Specialty, Field of study
Team leader	Toru Inada	Kyushu Institute of Technology, 1st year master's student	3D Human Pose Estimation
Robot Design	Mamoru Uchimura	2nd year master's student	intravenous drip flow measurement
Arm Control	Shota Yamamoto	1st year master's student	Machine Learning
Circuit Design	Tomoki Mori	1st year master's student	Spherical Actuator
Circuit Design	Yuki Tetsuhara	1st year master's student	Robot Simulation
Image Processing	Kaito Motomura	4th year university student	Programing
Machining and Assembling	Shun Kayaki	2nd year university student	Embedded system
Machining and Assembling	Masato Segawa	2nd year university student	Programing
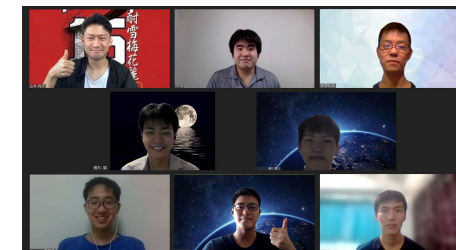
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HP etc.　　facebook：https://www.facebook.com/kitrodep/